CATALOGUES

OF

DENISON UNIVERSITY,

AND

Shepardson College

FOR WOMEN.

1888-'89.

NOTICE.

The two Institutions herein Catalogued have no organic connection, but are laboring harmoniously together, each in its own sphere, in the interests of higher education for both sexes.

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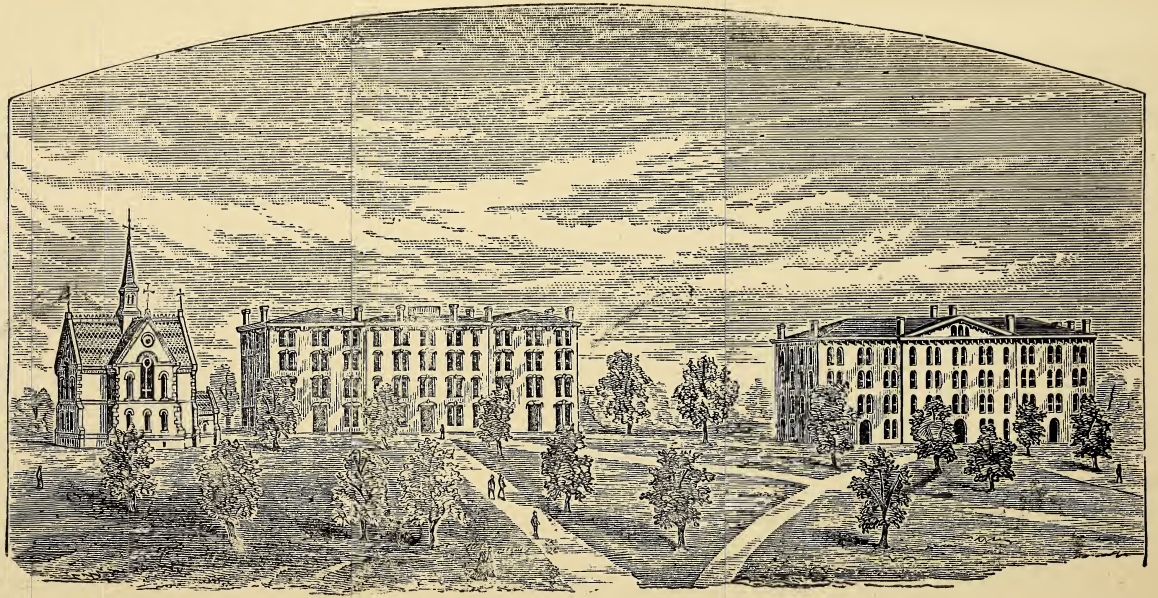

DOANE HALL. ACADEMY HALL. COLLEGE HALL.

DENISON UNIVERSITY.

The Fifty-Eighth Annual

CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

DENISON UNIVERSITY,

FOR THE YEAR

1888-1889.

GRANVILLE, OHIO:
PUBLISHED BY THE UNIVERSITY.
1889.

Calendar.

1889.

January	3, Thursday,	The Winter Term begins at 9 o'clock A. M.
"	31, Thursday,	The Day of Prayer for Colleges.
February	22, Friday,	Holiday (Washington's Birthday).
March	25-27, Mon., Tu., & Wed.,	Oral Examinations.
"	27, Wednesday,	The Winter Term ends at noon.
April	2, Tuesday,	The Spring Term begins at 9 o'clock A. M.
May	23, Thursday,	Senior Vacation begins.
June	13-15, Thu., Fri., & Sat.,	Oral Examinations.
"	16, Sunday,	Baccalaureate Sermon, 10:30 A. M.
"	17, Monday,	Field Day.
"	18, Tuesday,	Prize Reading at 10 o'clock A. M. Graduating Exercises of Granville Academy, 8 P. M.
"	19, Wednesday,	Class Day Exercises, 3 P. M. Address before the Alumni Association, 8 P. M.
"	20, Thursday,	Commencement Exercises, 10 A. M. Alumni Dinner. The President's Reception.
Sept.	4, Wednesday,	Examinations for Admission.
"	5, Thursday,	The Fall Term begins at nine o'clock A. M.
Nov.	28-29, Thursday and Fri.,	The Thanksgiving recess.
Dec.	18, Wednesday,	The Fall Term ends at noon.

1890.

January	2, Thursday,	The Winter Term begins at 9 o'clock A. M.
"	30, Thursday,	The Day of Prayer for Colleges.
Februury	22, Saturday,	Holiday (Washington's Birthday).
March	24-26, Mon., Tu., & Wed.,	Examinations.
"	26, Wednesday,	The Winter Term ends at noon.
April	1, Tuesday,	The Spring Term begins at 9 o'clock A. M.
June	17, Tuesday,	Graduating Exercises of Granville Academy.
"	19, Thursday,	Commencement Exercises.

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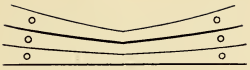
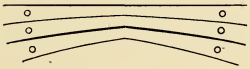


THE COLLEGE.



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GEOLOGY AND NATURAL HISTORY.

ALFRED D. COLE, A.M.,

CHEMISTRY AND PHYSICS.

WILLIAM G. TIGHT, M.S.,

NATURAL SCIENCE.

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RESIDENT GRADUATE.

NAME.	RESIDENCE.	ROOM.
Charles Lewis Payne, A.B.,	*Granville.*	Kyle Court.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
James Stanley Brown, Cl.,	*High Hill.*	21 C. H.
Joseph Edwin Cada, Sc.,	*Granville.*	38 C. H.
William Ernest Castle, Cl.,	*Alexandria.*	21 C. H.
Henry Dwight Hervey, Cl.,	*Granville.*	Granville Female College.
Charles Louis Seasholes, Cl.,	*Gallipolis.*	25 C. H.
James Archy Smith, Ph.,	*Mercer's Bottom, W. Va.*	College Street.
Mowry Cada Smith, Sc.,	*Fredonia.*	38 C. H.
Robert B. Smith, Cl.,	*Mercer's Bottom, W. Va.*	College Street.
Henry Colby Stilwell, Sc.,	*Dayton.*	West Broadway.
Leonard Leander Sutton, Cl.,	*Attica.*	Elm Street.

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William Collette Carr, Sc.,	*Elizabeth, N. J.*	Buxton House.
Wallace Hugh Cathcart, Sc.,	*Elyria.*	22 C. H.
Willis Arden Chamberlin, Cl.,	*Geneva.*	45 C. H.
Chas. Ten Broeke Goodspeed, Cl.	*Morgan Park, Ill.*	29 C. H.
Edgar Johnson Goodspeed, Cl.,	*Morgan Park, Ill.*	29 C. H.
Claude Perry Jones, Sc.,	*Granville.*	Elm Street.
Gorman Jones, Cl.,	*West Jefferson.*	Main Street.
Achilles Traugott Von Shulz, Sc.,	*Dayton.*	31 C. H.
Oscar Otis Aretas Wilkinson, Cl.,	*Springfield.*	26 C. H.
Edwin Ellsworth Wood, Cl.,	*Norwalk.*	22 C. H.

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CLINTON COWEN, Sc.,	*Newtonville.*	Main Street.
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TIMOTHY HOWE CUNNINGHAM, Cl.,	*Outville,*	Main Street.
DAVID EDWIN DANIELS, Sc.,	*Newark.*	Elm Street.
CLIFFORD REEDER HERVEY, Sc.,	*Granville.*	Granville Female College.
CHARLES JUDSON HERRICK, Cl.,	*Granville.*	Main Street.
OTHNIEL LARWILL, Sc.,	*Wooster.*	East College Street.
JOHN ELLSWORTH MALONE, Cl.,	*Granville.*	East Broadway.
CHARLES HENRY TANNER, Cl.,	*Kirtland.*	32 C. H.
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GEORGE VAN WINKLE, Cl.,	*New Market.*	40 C. H.
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FRED. OBADIAH WILLIAMS, Cl.,	*Columbus.*	Elm Street.
JESSE ERNEST WOODLAND, Sc.,	*Wooster.*	West Broadway.

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NAME.	RESIDENCE.	ROOM.
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Carter Harrison Barnett, Cl.,	*Huntington, W. Va.*	Granger Street.
Lonnis Earle Bridgeman, Cl.,	*Syracuse.*	Main Street.
Arthur Marion Brumback, Cl.,	*Boise City, Idaho.*	41 C. H.
Lucius Henry Cammack, Cl.,	*Huntington, W. Va.*	34 A. H.
William Fosdick Chamberlin, Sc.	*Dayton.*	47 C. H.
Frederic William Cowlin, Cl.,	*Chicago.*	21 A. H.
John Marion Criswell, Cl.,	*South Kirtland.*	32 C. H.
Eugene Cunningham, Cl.,	*Cleveland.*	41 C. H.
Ulysses Sherman Davis, Cl.,	*Youngstown.*	46 C. H.
Frank Carman Ewart, Cl.,	*Granville.*	Main Street.
Albert Dwight Goodrich, Sc.,	*Granville.*	North Street.
Harry Boyce Gutches, Sc.,	*Chicago.*	Mulberry Street.
Geo. Dana Boardman Hutson, Cl.,	*Granville.*	Pearl Street.
Albert William Highlands, Sc.	*Terrace Park.*	40 C. H.
Edwin Bruce Kinney, Cl.,	*Norwalk.*	30 C. H.
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Milo B. Price, Cl,	*Newark.*	42 C. H.
Samuel Willard Richardson, Cl.,	*Painesville.*	41 C. H.

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Ulysses Grant Smith, Sc.,	*Montpelier, Ind.*	43 C. H.
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Andrew Tory Rittig,	*Middletown.*	48 C. H.
Jacob Sanford,	*Elyria.*	College Street.

Conditions of Admission.

Candidates for admission must present satisfactory evidence of good moral character. Candidates from other colleges must also bring proof of having been regularly dismissed therefrom.

The regular examination for admission to the College classes will be held on the day preceding the beginning of the Fall term, at 9 A. M. (See Calendar.)

1. Candidates desiring to begin the Course for the Degree of Bachelor of Arts will be examined in the studies comprised in the Classical Course in Granville Academy. Fair equivalents in kind for any of these studies will, of course, be accepted.

2. Candidates desiring to begin the Course for the Degree of Bachelor of Science will be examined in the studies comprised in the Scientific Course in Granville Academy.

Each Course in the Collegiate Department occupies four years.

STUDENTS NOT CANDIDATES FOR A DEGREE.—Students who do not desire to become candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they select.

Courses of Study.

I.

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

FALL TERM.

Latin.—Livy. Review of Select Topics in Latin Grammar; Latin Prose Composition once a week during the year; Select Chapters of Liddell's Roman History at intervals throughout the course.

Greek.—Select Orations of Lysias; History of Athens under the Thirty Tyrants, and the Restoration of the Democracy; Smith's History of Greece; Boise's Exercises in Greek Syntax, weekly.

Mathematics.—Part III. of Olney's University Algebra.

Rhetoric.—Weekly Exercises in Declamation and English Composition.

WINTER TERM.

Latin.—Livy or Sallust, five weeks; Cicero's De Officiis or De Senectute and De Amicitia, eight weeks; Reading at Sight in Latin Historians; Smith's Selections used for Collateral Reading throughout remaining terms of the course.

Greek.—Herodotus or Thucydides. Historical Essays; Boise's Exercises in Greek Syntax, weekly.

Mathematics.—Part III. of Olney's Geometry, University Edition.

English Literature.—Weekly Readings from American Authors.

Rhetoric.—Weekly Exercises in Declamation and English Composition.

SPRING TERM.

Latin.—Horace—Odes, Epodes, and Satires; Review of Latin Prosody; Reading at Sight in Latin Poets; Elements of Comparative Philology; Halsey's Etymology.

Greek.—Boise's Homer's Iliad; Peculiarities of the Epic Dialect; Written Sketches on Homeric Themes; Boise's Exercises in Syntax weekly.

Chemistry.—Shepard. Experimental Lectures. Laboratory study of the Non-metals.

English Literature.—Weekly Readings from American Authors.

Rhetoric.—Weekly Exercises in Composition and Declamation.

SOPHOMORE CLASS.

FALL TERM.

Greek.—Demosthenes; Lessons from Smith on the History of Greece during the Rise and Extension of the Macedonian Empire; Greek New Testament, one hour a week.

Mathematics.—Olney's Trigonometry, Plane and Spherical; General Geometry begun.

Rhetoric.—Hill's Science of Rhetoric; Analysis of Subjects; Literary Criticism. Weekly Exercises in Declamation and English Composition.

WINTER TERM.

Latin.—Germania and Agricola of Tacitus, eight weeks; Juvenal or Vergil's Georgics or Pliny's Letters, five weeks; Laws of Consonant Change in Latin; Select Chapters from Gibbon.

Mathematics.—General Geometry; Lectures on the Integral Calculus, four hours a week.

Physiology.—Martin. Four hours a week.

English Literature.—Two hours a week; Select Readings from Early English Authors.

Rhetoric.—Themes and Declamations.

SPRING TERM.

Greek.—Apology and Crito of Plato; Greek New Testament, one hour a week.

Botany.—Gray's Manual. Elements of Plant Physiology.

French.—Whitney's Grammar; Erckmann-Chatrian's Le Conscrit de 1813; Outlines of French History.

Rhetoric.—Essays, Declamations, and Readings from Shakespeare.

JUNIOR CLASS.

FALL TERM.

Latin.—Horace—Odes and Epistles, eight weeks; Quintilian, Book X. seven weeks; Latin Hymns; Crowell's Selections from the Latin Poets; Lectures on Latin Literature.

German.—Whitney's German Grammar and Reader.

Zoology.—Lectures and Laboratory work on the Invertebrates, last eight weeks of the term.

Rhetoric.—Essays.

ELECTIVES.

French.—Knapp's French Readings; Saintsbury's Primer of French Literature.

Mechanics.—Ganot, first seven weeks.

WINTER TERM.

Greek.—Tragedies of Sophocles or Euripides.

Physics.—Ganot; Experimental Lectures, Recitations and Laboratory Work.

Logic—Jevons. Deductive Logic; Method; Notes on the History of Logic; Fallacies.

Rhetoric.—Orations, and Readings from Shakespeare.

SPRING TERM

Latin—Terence or Plautus, or both; two Plays in all; Crowell's Select Epigrams of Martial, mostly at sight; History of Latin Literature.

Rhetoric.—Essays, and Readings from Shakespeare.

ELECTIVES.

Astronomy.—Young's General Astronomy; Lectures.

History.—Mediæval and Modern.

French—Luquiens' Scientific and Descriptive French, or

German.—Goethe's Hermann und Dorothea.

SENIOR CLASS.

FALL TERM.

Psychology.—Porter, Hamilton, and McCosh.

History of Philosophy.—Weekly Lectures throughout the Fall and Winter terms.

Geology.—Le Conte. Historical Geology and Dynamical Geology; Field Exercises; Local Geology.

English Literature.—Development of the English Language and Literature—Welsh. Readings from representative authors of the Seventeenth, Eighteenth, and Nineteenth Centuries.

WINTER TERM.

Ethics.—Handbook of Moral Philosophy—Calderwood; Notes on the Philosophy of Ethics and the Moral Code.

Political Economy.

Rhetoric.—Essays.

ELECTIVES.

German.—Becker's Friedrich der Grosse.
French.—Luquiens' Scientific and Descriptive French.
American Politics.—Johnston.

SPRING TERM.

International Law.—Woolsey.
History of Civilization.—Guizot.
Evidences of Christianity.

II.

FOR THE DEGREE OF BACHELOR OF SCIENCE.

FRESHMAN CLASS.

FALL TERM.

Chemistry. - Qualitative Analysis. Weekly Recitations on the Chemistry of the metals.
French.—Whitney's Grammar; Rougemont's La France.
Mathematics.—University Algebra, Part III,—Olney.
Rhetoric.—Exercises in Declamation and Composition.

WINTER TERM

Chemistry.—Qualitative Analysis finished; Quantitative Analysis begun.
Mathematics.—Geometry, Part III.—Olney.
French—Thiers' Bonaparte en Egypt; Saintsbury's Primer of French Literature; Reading at Sight; Outlines of French History.
English Literature.—Weekly Readings from American Authors.
Rhetoric.—Exercises in Declamation and Composition.

SPRING TERM.

French.—Blouet's L'Eloquence de la Chaire et de la Tribune Francaises; Saintsbury's Primer of French Literature; Reading at Sight; Outlines of French History
Chemistry.—Quantitative Analysis.
Mineralogy.
English Literature—Weekly Readings from American Authors.
Rhetoric.—Exercises in Declamation and Composition.

SOPHOMORE CLASS.

FALL TERM.

German.—Whitney's German Grammar and Reader.

Trigonometry.—Plane and Spherical—Olney.

Rhetoric.—Hill's Science of Rhetoric; Weekly Exercises in Declamation and Composition.

WINTER TERM.

German.—Von Raumer's Der erste Kreuzzug, and Whitney's Reader continued; Outlines of German History; Reading at Sight.

Mathematics.—General Geometry. Four hours a week.

Physiology.—Comparative Anatomy and Dissection. Four hours a week.

English Literature.—Two hours a week; Select Readings from Early English Authors.

Rhetoric.—Themes and Declamations.

SPRING TERM.

German.—Schiller's Wilhelm Tell, or Historische Skizzen; Conant's Primer of German Literature; Reading at Sight.

Botany.—Bessey's Laboratory Work with Cryptogams.

Mathematics.—Surveying.

Rhetoric.—Declamations, Essays, and Readings from Shakespeare.

JUNIOR CLASS.

FALL TERM.

Mechanics.—Ganot.

Zoology.—Packard.

Rhetoric.—Essays.

ELECTIVES.

Mathematics.—Railroad Curves and Calculus.

Chemistry of the Carbon Compounds or Assaying.

WINTER TERM.

Physics—Ganot. Sound, Magnetism, Electricity. Daily lectures and recitations. Laboratory work three times a week.

Logic.—Jevons.

Rhetoric.—Orations, and Readings from Shakespeare.

ELECTIVES.

German.—Hodge's Scientific German.

Mathematics.—Bridge Construction.

Zoology.—Histology.

SPRING TERM.

Physics.—Ganot; Heat and Light.
Astronomy.—Young's General Astronomy; Lectures.
Rhetoric.—Essays, and Readings from Shakespeare.

ELECTIVES.

History.
French.—Luquiens' Scientific and Descriptive French, or
German.—Goethe's Hermann und Dorothea.

SENIOR CLASS.

FALL TERM.

Psychology—Porter, Hamilton, and McCosh.
English Literature.—Welsh. Readings from Authors of the Seventeenth, Eighteenth, and Nineteenth centuries.
Geology.—Dana.
Rhetoric.—Orations.

WINTER TERM.

Ethics.—Calderwood.
Geology.—Applied and Economic.
Political Economy.
Rhetoric.—Essays.

ELECTIVES.

American Politics.—Johnston.
French.—Luquiens' Scientific and Descriptive French.
German.—Becker's Friedrich der Grosse.

SPRING TERM.

International Law.—Woolsey.
History of Civilization.—Guizot.
Evidences of Christianity.

Statement of the Work in Each Department.

INTELLECTUAL AND MORAL PHILOSOPHY.

PRESIDENT ANDERSON.

In Psychology the aim is, by means of text books, lectures, and oral expositions, to give the student a clear conception of the facts and principles of the Science; to lead him to separate, as clearly as possible, Psychology, as a science of observation, from Metaphysics, which underlies it in common with all other sciences; and to set forth the great practical value of the science for all who would learn how to control and lead their fellowmen.

In Moral Philosophy, the principal theories of morals are considered, and that which we regard as the true theory is elaborated and fortified by substantially the same method as that pursued in the Psychology of the intellect. Special attention is given also to such practical questions of morals as constantly confront men in every-day life.

In the Evidences of Christianity, the proofs best calculated to meet doubts awakened by the scepticism of the present day, are specially considered.

During the Senior year, an outline of the History of Philosophy is presented by lectures; the student, however, is not permitted to be a mere, passive listener, but is stimulated to investigate for himself many important questions, by reference to the best authors.

INTERNATIONAL LAW.

During the third term of the Senior year, the fundamental principles of International Law are examined, in order that the student who has been made acquainted with our National Constitution and politics, may also understand the relations and duties of our Republic to other nations.

RHETORIC AND ENGLISH LITERATURE.

PROFESSOR THRESHER.

It is the aim in this department to combine theory with practice. Effort is made early in the course to secure mastery of the practical ele-

ments of expression. As principles are discussed and memorized their exemplification is required in written recitations and in compositions.

Later in the course, during the first half of the Sophomore year, the theory of effective discourse as developed in Hill's "Science of Rhetoric" is carefully gone over in daily recitation, written and oral, and for the practical illustration of the theory, examination is made of some masterpieces of English composition. Thenceforward to the end of the course the essays and orations required of each student are subjected to criticism on the basis of this theory. Pains is taken too to cultivate the habit of a careful analysis of the theme as the first step in the preparation for effective discourse

THE ENGLISH LANGUAGE AND LITERATURE.

In the second term of the Freshman year the study of English Literature is begun. Selections are read in the class room from the best American authors, and the cultivation of a natural and expressive style of reading is sought for in this exercise in addition to a knowledge of the authors and their works.

During the second term of the Sophomore year the history of the growth of English literature is made the subject of inquiry, in order that the student may become familiar with the succession of great names in the realm of English letters. Again, during the first half of the Senior year a careful survey is taken of the development of the English language and literature, and the works of a few great authors are studied, beginning with Shakespeare. In this a mastery of his own tongue is sought for the student, and the development in him not only of a critical literary taste, but also of an ardent, scholarly love for what is best in English letters.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR CHANDLER.

Six terms of work are required. During the earlier part of the course, attention is paid mainly to literal translation, grammatical review, prose composition and Roman History. The tongue is assiduously trained to speak Latin words and sentences correctly, and the ear to recognize them readily. Much time is spent in translating into English, without book, while the teacher reads the Latin, and *vice versa*. Later in the course, the student is expected to use ever increasing freedom in translating, and to employ none but natural and idiomatic English. In the reading of the Latin poets, great attention is paid to prosody and rhythm. The best poems or parts thereof, are memorized. The work in Latin

literature is made as broad as possible by the reading of selections from many writers whose productions can not be studied more fully. The best of Latin hymns are read, and some are memorized by each class. The English pronunciation is used throughout, except in the advanced work in Comparative Philology.

GREEK.

PROFESSOR COLWELL.

It is intended that the whole subject of the Attic forms, as well as the common principles of syntax, shall be mastered as far as possible in the Academy. In the College, time for a hasty review only can be given to them, and that chiefly in the first term of the Freshman year. During the remainder of the course the language is studied chiefly as a vehicle of thought. The student is taught to analyze and discriminate between the various forms of expression employed by the authors studied, and to render the thought in English by forms of speech as nearly identical with those used in Greek as the English idiom will allow. Reading at sight is practiced only during the last two years of the course.

The time given to the study of the New Testament, though very short, is thought to be long enough to enable the student to learn how to apply to it the methods of study employed in studying the books of profane writers.

FRENCH AND GERMAN.

PROFESSOR MCKIBBEN.

Among results sought in this department are the following:

To secure to each pupil such knowledge of forms, words, and constructions as shall enable him to read the general literature of the French and German,--the more difficult prose as well as the simpler poetry,--newspapers, and works of a special and scientific nature.

To give ear and tongue such practice as shall be helpful in conversation.

To make familiar the chief events of German and French history, and the growth of the literature of each people.

To those whose standing in their regular studies is high, opportunity is given for further work in these two languages, and also for a short course in Italian.

MATHEMATICS.

PROFESSOR GILPATRICK.

The work in this department embraces the following subjects:

Algebra.—Olney's University Algebra, Part III., or its equivalent.
Geometry.—Olney's Geometry, University Edition, Part III.
Trigonometry.—Plane and Spherical—Olney.
General Geometry and Calculus.—Olney.

CIVIL ENGINEERING.

Instruction is given in Land Surveying, in Laying out Roads and Railroads and in Leveling, by actual field practice.

Carput's Plane Surveying and Henck's Field Book for Engineers are the text books used.

ENGINEERING.

The Graphical Analysis of Framed Structures as presented in Greene's work on Bridge Trusses, together with notes on the strength of materials and formulae for stresses, in chords and web-members of truss, is offered in bridge construction. The University is supplied with good instruments for field work

ASTRONOMY.

The subject as presented in Young's General Astronomy, supplemented by oral instruction, is offered.

CHEMISTRY AND PHYSICS.

PROFESSOR COLE.

In Chemistry instruction is given by daily lecture and recitation during the spring term to Freshmen pursuing the course leading to the degree of Bachelor of Arts. Shepard's Chemistry is the principal text book used. Thorough experimental illustration in the class room is supplemented by individual work in the laboratory. Abundant apparatus and desk room, with water and gas at each desk, enable each student to verify for himself, experimentally, the important principles and facts of the science. The attempt is made to secure scientific development by making demonstrated facts anticipate and lead up to the theoretical treatment of the subject.

The study of qualitative and quantitative analysis in the course leading to the degree of Bachelor of Science, includes daily laboratory work during the Freshman year, weekly recitations on the chemistry of the metals during one term, and frequent recitations and discussion of methods in analysis throughout the course. The use of the spectroscope is taught.

Both gravimetric and volumetric methods are used in quantitative work. Appleton and Fresenius are the authors most consulted.

An elective course in Organic Chemistry or Assaying is offered in the fall term of Junior year.

It is expected that courses of lectures on the chemistry of common life and on the application of chemistry to the arts will soon be established.

In Physics instruction is given to the Junior Class in Mechanics daily during the fall term, and in Sound, Magnetism, Electricity, Heat and Light during the remainder of the year. Two hours a week are occupied wholly with class room exposition, experiment and recitation; the remaining three are devoted chiefly to laboratory work. Ganot's Physics is used in class room work. The laboratory experiments are, at first, chiefly qualitative, but as soon as the requisite skill is attained, quantitative determinations are introduced illustrating the principal methods employed in physical research. Detailed reports of the laboratory work are prepared by the students and handed in weekly for criticism. These form the text for occasional talks upon laboratory methods. Students are encouraged to devise and construct apparatus, and a machine shop equipped with steam power, lathes, etc., furnishes abundant means for such work. Important additions to our apparatus for the accurate measurement of physical quantities have been recently secured, and continual effort will be made to provide apparatus for accurate work and original research. Pickering and Kohlrausch are the authors most consulted in connection with the laboratory work. Considerable attention is given to the recent advances of electrical science.

GEOLOGY AND NATURAL HISTORY.

PROFESSOR HERRICK.

1. In *Biology.*—The preparation assumed is such as is usually afforded in high and preparatory schools, viz., an elementary term in Human Physiology and Hygiene and some preparatory work in Botany. In the Sophomore year the winter term is devoted to Comparative (Vertebrate) Anatomy and Physiology. The genesis of organs and comparative morphology is discussed as far as time permits. An amount of time equivalent to two hours per week is devoted to dissection and other laboratory practice.

In the following term, Structural and Physiological Botany is studied by scientific students, much of the time being occupied by laboratory work.

A term in Zoology follows, and is occupied chiefly with the study of invertebrates. Beginning with the cell and monocellular organism, types of each class are studied in the laboratory. In this way the development

of the vertebrate type is traced. The proportion of time devoted to lecture and laboratory work is as in the previous term.

An elective term in Zoology affords opportunity for work in Histology and special study in particular lines. It is intended to confine study very largely to the vertebrate type and an exhaustive study of one organ or system is advised. The work is supplemented by a short course in comparative physiology on the basis of Wundt and Lotze.

2. *In Geology and Mineralogy.*—In the spring term of the Freshman year opportunity is offered scientific students to study Mineralogy. The work is largely confined to the laboratory, and embraces blowpipe analysis, the elements of crystallography, and economic mineralogy.

The Seniors study Dynamical and Historical Geology in the fall term, using Le Conte's text book, supplemented by lectures on the simpler facts of structural geology, and extended tours to interesting localities.

In the winter term a course in Applied and General Geology varies with the exigencies arising. The course usually embraces the study of lithology, and the application of geology to the arts. Stratified rocks are studied with reference to their microscopic peculiarities and economic application. Metamorphic and igneous species are then studied by means of thin sections and the polarizing microscope. At other times paleontology is substituted.

TEXT BOOKS.

Botany.—Gray's Lessons and Manual, Bessey's Botany. Reference: Goodale's Physiological Botany, Gray's Structural Botany, Sach's Text Book of Botany.

Zoology.—Packard's Zoology and Packard's Zootomy. Reference: Claus' Zoologie, Gegenbaur's Comparative Anatomy, and the text books of Huxley, Brooks, Martin, etc.

Physiology.—Huxley's Physiology and Shaeffer's Histology. Reference: Foster's Physiology, Gamgee's Chemistry of the Body, Wundt's Physiologische Psychologie, Foster's Practical Physiology.

Geology.—Le Conte's Geology and Hussak's Tables. Reference: Credner's Elements, Dana's Manual, Geikie's Geology, Winchell's Geological Studies.

Mineralogy.—E. S. Dana's Text Book and Brush's Determinative Mineralogy. Reference: Naumann, Dana, etc.

OUTFIT AND APPARATUS.

Three well-equipped laboratories afford facilities for personal investigation.

The Biological Laboratory is provided with a good set of compound microscopes, camera lucidas, microtomes, mounting, preservative, and staining reagents.

The Mineralogical Laboratory is furnished with gas, water, sinks, a good analytical balance, approved blow-pipe and micro-chemical apparatus, and lithological lathe and microscopes of recent manufacture. A dark room, with landscape and micro-photographic appliances, a distinct weighing room, and a library, are also provided.

General Information.

LOCATION AND BUILDINGS.

The University is located at Granville, Licking County, Ohio, in one of the most beautiful and healthful parts of the State, and almost at its geographical center. It is reached by the Toledo & Ohio Central Railroad, which sends trains daily between Columbus and Toledo, passing through Granville. This road connects at Columbus and Toledo with the systems of railroads centering at those points. At Centerburg, also, it connects with the C., A. & C. R. R.; at Edison, with the C., C, C. & I. R. R.; at Martel, with the C, C., C & I. R. R. and the N. Y., P. & O. R. R.; at Bucyrus, with the P., Ft. W. & C. R. R, at Berwick, with the C, S. & C. R. R.; at Fostoria, with the B. & O. R. R., the N. Y., C. & St. L. R. R., the C., H. V. & T. R. R., and the L. E. & W. R. R. South of Granville the following connections are made: At the Pan Handle crossing, with the P. C. & St. L. R. R, and the B. & O. R. R.; at Thurston, with the C. & E. R. R.; at Bremen and at New Lexington, with the Muskingum Valley R. R.; at Junction City, with the B. & O.; and at Corning, with the K. & O. R. R. Granville is also connected with Newark by a daily line of stages, at which point trains may be taken for all stations on the Baltimore and Ohio and the Pittsburg, Cincinnati and St. Louis railroads.

There are three buildings, containing dormitories, recitation rooms, etc.

TERMS AND VACATIONS.

The Commencement is held on the second Thursday before the last Sunday of June in each year.

The College Year consists practically of thirty-nine weeks, and is divided into three Terms, as follows: The Fall Term begins on the Thursday after the first Sunday in September, and continues 15 weeks; the Winter Term begins on the Thursday after New Year's day, and continues 12½ weeks; the Spring Term commences on the first Tuesday in April, and continues 11½ weeks.

The first College exercise of each term is the Chapel service.

No College student is allowed to be absent a term, or to leave town during term time, without permission from the President.

Special attention is called to the fact that no student can be absent from the regular College Exercises, even for a few days, without serious loss.

EXPENSES.

At Denison, expenses are little, if any greater than in the early years of the College, although there has been a large increase in the number of teachers, facilities for work, and general expenses in carrying on the institution. It is believed that a thorough and complete education can be obtained as cheaply here as in any other college in the country. The following is an estimate of some of the more prominent items of expense:

TUITION—Per annum	$34 00
Divided as follows: Fall Term, $13; Winter and Spring, $10.50 each.	
ROOM RENT.—Fall Term, $4; Winter and Spring, $3 each,	10 00
Incidentals for the year,	5 00
Fuel and Lights,	15 00
Books,	12 00
BOARD—39 weeks, at $2 per week,	78 00
Washing,	12 00
Sundries,	6 25
Total for a year,	$172 25

Board, in clubs, costs from $2 to $2.50 per week. In families, $3 to $3.50. Whatever board costs over $2 per week, must be added to the above estimate. Many students reduce their expenses below this sum.

All term bills are to be paid, or satisfactory security for their payment lodged with the Treasurer, at the beginning of each term, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a term.

Students furnish their own rooms in the college buildings.

Text books and stationery can always be obtained in the village.

The really necessary expenses of a student for a year, inclusive of clothing and traveling, range from $150 to $250.

THE LIBRARY.

In the summer of 1887 the two Societies consolidated their libraries of nearly 3,000 volumes with the library of the University. The libraries thus united contain nearly 14,000 volumes, and 4,000 pamphlets. These have been thoroughly classified and arranged according to the Dewey system. By this method of classification the students are able to see the resources of the library on any subject in the shortest possible time.

During term time the library is open each day (except Sundays and legal holidays).

Members of the University, and of Shepardson College, have free access to it.

A valuable collection of nearly 500 volumes has just been received by gift from E. J. Barney, Esq., of Dayton. A collection of pamphlets, manuscripts, etc., connected with the history of the College has been started.

Any old pamphlets, catalogues, circulars, programmes, pictures of students, etc., will be gratefully received by the Librarian.

READING ROOM AND CABINET.

The College Reading Room, open every afternoon and evening, is supplied with the choicest daily and weekly papers, and with the best American and English magazines and reviews.

The Cabinet contains a choice selection of shells, and a full series of specimens for illustration in Geology, Mineralogy, Zoology and Archæology. During term time it is open daily, except Sundays, to students and visitors. Students have the use of the University Library, as well as of the Cabinet, free of charge. Both Library and Cabinet are receiving constant accessions.

SOCIETIES.

There are two Literary Societies connected with the College—the Calliopean and the Franklin—which have their own halls.

SPECIAL STUDIES.

Facilities for Instruction in Elocution are provided when desired by a sufficient number of students.

Vocal Music and Penmanship are also taught by competent instructors. Charges for these courses, for the present, will be extra.

MORAL AND RELIGIOUS INFLUENCES.

The whole life and administration of the College, without being sectarian, is pronounced and positive in favor of the Christian religion. The exercises of each day begin with prayer in the College Chapel. This service the students are required to attend. They are also required to attend Church twice each Sunday. A regular weekly prayer meeting is sustained in the College. Students are made welcome in the various Sunday Schools of the village. In the Baptist Sunday School, several classes, taught by College Instructors, are intended expressly for students.

AIM.

It is the desire of the Trustees and Faculty to conserve and, as far as possible, advance the honorable reputation already accorded to this College for thoroughness and other excellencies of mental discipline.

The aim is to build, fashion, and develop young men in the most earnest and successful manner possible, intellectually and morally, for the higher vocations and duties of life. Every possible resource and effort is, and will be, employed in the furtherance of this end.

ENGLISH AND GENERAL STUDIES.

Students not fitted to pursue the regular course of study can join such classes as they may be prepared to enter. Such students, however, will not be allowed to impede their classes by poor scholarship.

Besides the regular classes, a Class in Phonography may be formed at any time at the expense of the student.

DEFICIENCIES IN CERTAIN BRANCHES.

Students often apply for admission to the regular classes, who are behind those classes in some study. If such students show ability, all possible assistance is afforded them in compassing their purpose. It is sometimes, however, necessary for them to secure private instruction for a short time; but this may be obtained at very reasonable rates.

REGULARITY AND PUNCTUALITY.

Students always lose much by beginning the studies of a term behind their class; likewise by absence, even for a single day. Such losses can never be fully repaired. Although students are admitted at any time, it is highly desirable that they begin their studies at the College with the Fall Term. If the attendance is expected to be for only a single term, that term is the best; if for longer, especially if it is a year or more, the regularity secured by beginning with the College year in September adds greatly to the profit of the study

Every student, unless excused for special reasons, is expected to attend at least three recitations or lectures a day. His attendance on these must be punctual. *Five* unexcused absences from College appointments during one term, or *twenty* amassed in different terms, result in suspension from College.

Careful records are kept by the College officers, from which each student's character for punctuality, as well as for attainments in his studies, can be at any time ascertained. This information, in the case of any student, will be furnished to his parents or guardians at the end of each term, and at any other time on application to the President.

EXAMINATIONS.

A rigid examination of every class is held at the close of each term. In most cases the examination is both oral and written. If a student's grade for a given term falls below six-tenths of the *maximum*, regularity in work and good conduct being elements in making up his standing, he is not continued as a member of his classes. In determining the grade

also, his examination mark has half the power of the average of his term marks.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for a degree or not, are required to attend all examinations in the studies they pursue.

2. No student whose examination in any study is reported as "*Incomplete*," will receive credit for that study until after the examination has been completed. In case, however, the examination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed.*"

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred; otherwise the work passed conditionally will be regarded and treated as a study "*Not Passed.*"

4. Any student reported as "*Not Passed*" in any study will receive no credit for that study until he has again pursued it as a regular class exercise, and has passed the regnlar examination in the same.

5. Any student detected in the use of illegitimate help at any examination will be regarded as an *Absentee* from examination, and will be treated as such.

6. A student who is absent from a regular examination, without consent previously obtained, must present to the Faculty a written statement of the cause of his absence, and the reason must be accepted as sufficient before he can enter his classes.

DEGREES.

The degrees, A. B. and B. S., are conferred only on such candidates for the same as have passed satisfactory examinations upon all the studies required.

Candidates for these degrees are required to pay the Treasurer their dues, including the graduating fee of five dollars, as early as Monday before the commencement.

MASTER'S DEGREE.—Every graduate of three years' standing, who has during that time sustained an honorable position in any learned profession, or otherwise maintained his intellectual growth, may receive the Degree of Master of Arts, or of Master of Science, on payment of a fee of five dollars, provided he shall, in the interval, have borne a good moral character. Application must be made to the President previous to the Commencement.

DEGREES OF A. M. AND M. S.

[New Method.]

1. RESIDENT GRADUATES.—The candidate for either of these degrees shall study in this University one year under the direction of the Faculty. Recitations and examinations shall be appointed by the several instructors.

Any instructor may require a thesis on the subject taught by him, and allow it to take the place of as much work in that study (not to exceed two terms) as to him may seem good. The candidate shall, with the approval of the Faculty, select from the following list one study as his main study, and shall pursue it throughout the year:

1. One language other than English.
2. Mathematics.
3. Philosophy.
4. Science.

He shall also, with the approval of the Faculty, select each term two minor studies.

Minima.—A candidate for the degree of A. M. must take, in Greek or Latin, at least one term; in a modern language other than English, at least one term; in history, at least one term; in English literature, at least one term.

The minima of required studies leading to the Degree of M. S. shall be as follows:

One complete year of some one physical science, and two selected terms of physical science in addition.

2. NON-RESIDENT GRADUATES.—The candidate shall study two years under the direction of the Faculty. He shall be examined at the end of the first year, and shall present a satisfactory thesis at the end of the second year.

THE DENISON SCIENTIFIC ASSOCIATION.

This society was organized April 16th, 1887, and aims, in the words of its constitution:

(a) To afford opportunity for the interchange of ideas by those interested in the various sciences.

(b) To collect, record, and disseminate information bearing on the sciences.

(c) To stimulate interest in local natural history and preserve notes and specimens illustrating the same.

The interest in its work has constantly increased and it has been the means of much good in arousing a desire for original scientific investigation.

For information concerning the Bulletin of the Scientific Laboratories, published under the auspices of this association, address

MRS. J. E. DIXSON,
Librarian of Denison University.

OTHER ORGANIZATIONS.

The Denison Oratorical Asiociation was organized to promote interest in public speaking, and to determine who shall be the representative of the College in the Intercollegiate Oratorical Contest. The successful candidates, the present year, were C. L. Seasholes, principal; R. B. Smith, alternate.

There is also a branch of the Young Men's Christian Association, in which there is much interest, and from which good results have come.

ROOMS NOT IN THE COLLEGE.

Students not rooming in the College buildings must have their rooms approved by the Faculty, and be subject to the general regulations of the College.

SCHOLARSHIPS.

By vote of the Board, the President may remit the tuition of a limited number of students in cases of necessity. A few scholarships, surrendered by the original purchasers, are under the control of the Faculty, and are assigned by them at the beginning of each year.

No student can receive the benefit of those scholarships who does not maintain a good average standing in his classes, and whose conduct is not, in all respects, exemplary.

DISMISSION.

Students leaving before the close of the term will not be regarded as having honorably terminated their connection with the College, unless regularly dismissed by the President.

ADVANTAGES.

Many considerations particularly reccommend Denison University as a place for acquiring liberal learning. Its courses of study are thorough and comprehensive; students in it are peculiarly free from incentives to dissipation: they are under strong Christian influence; living is cheap, and the intellectual life of the College community is quickened by the presence of other schools.

Alumni Association.

OFFICERS AND APPOINTEES, 1888–'89.

President—Rev. W. E. Stevens, '72.

Secretary—F. W. Shepardson, '82.

Treasurer—Prof. G. F. McKibben, '75.

Executive Committee—D. E. Williams, '74; W. E. Stevens, '72; W. H. Johnson, '85.

Entertainment Committee—John Thorne, '85; Geo. C. Parsons; D. Lewis Davies.

SAMSON TALBOT COMPETITIVE PRIZE FUND.

Award of Prizes in 1888.—1st prize to Robert B. Smith, '89; 2d prize to William E. Castle, '89.

Committee of Award.—Rev. E. W. Childs, Prof. T. C. Roney, J. R. Davies, Esq.

THE SECOND ANNUAL

CATALOGUE

OF

GRANVILLE ACADEMY,

1888-1889.

Faculty of Granville Academy.

J. D. S. RIGGS, A.M.,
Principal.
LATIN AND ELOCUTION.

LEVERETTE E. AKINS, A.M.,
MATHEMATICS.

WILLIAM H. JOHNSON, A.M.,
GREEK.

HERBERT L. JONES, M.S.,
NATURAL SCIENCE.

WILLIAM S. BURNS, A.B.,
ENGLISH AND LATIN.

Students.

THE SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Charles Sawyer Ashton, Sc.,	*Granville.*	West Broadway.
Frank Victor Brock, Cl.,	*Hull Prairie.*	44 A. H.
Francis Fritchey Butler, Cl.,	*Defiance.*	West Broadway and Cherry Street.
Harry Monroe Carpenter, Cl.,	*Granville.*	College Street.
Herbert Arthur Clark, Sc.,	*Granville.*	Elm Street.
Walter Noah Clouse, Cl.,	*Granville.*	Newark Road.
Charles Louis Collins, Cl.,	*Richfield.*	48 A. H.
Frederick William Cook, Sc.,	*Norwalk.*	43 C. H.
Charles Hover Dixon, Cl.,	*Lima.*	29 A. H.
Clarence Wilbur Dorsey, Cl.,	*Granville.*	West Broadway and Mulberry Street.
Carey Sargent Ferris, Sc.,	*Cincinnati.*	Elm and Cherry Streets.
Joseph Orrin Rogers Fisher, Sc.,	*Zanesville.*	5 A. H.
Samuel Leon Forsyth, Sc.,	*Xenia.*	46 A. H.
Clarence Clyde Hunt, Cl.,	*Walla Walla, Wash.*	42 A. H.

SENIOR CLASS—Continued.

NAME.	RESIDENCE.	ROOM.
WELLS HENRY HURLBUTT, Cl.,	*Geneva.*	28 C. H.
JAMES ASA LE LACHEUR, Sc.,	*Mason City, Iowa.*	7 A. H.
JOHN HENRY MASSIE, Cl.,	*Lowesville, Va.*	30 A. H.
HORACE FRANCIS MAYERS, Cl.,	*Dayton.*	College Street.
DESILVA EDGAR MILLER, Cl.,	*Loudonville.*	48 A. H.
EUGENE FERDINAND O'NEAL, Sc.,	*East Greenwood.*	5 A. H.
HENRY DASON OSBORNE, Cl.,	*Monroeville.*	West Broadway and Cherry Street.
ERNEST JONES OWEN, Cl.,	*Oshkosh, Wis.*	44 C. H.
FRED ROBERT PARGELLIS, Cl.,	*Hull Prairie.*	44 A. H.
JAMES WARREN ROBERTS, Cl.,	*Jackson.*	38 A. H.
EMMET ULYSSES SMITH, Cl.,	*Heslop.*	West Broadway and Plum Street.
WALLACE ST. JOHN, Cl.,	*Centralia, Ill.*	College Avenue.
WILLIAM ARTHUR WILKIN, Cl.,	*New Market.*	26 A. H.
JAMES RUPERT WOLFENDEN, Cl.,	*Chicago, Ill.*	11 A. H.
JOEL FRANKLIN WOOD, Sc.,	*Smithfield.*	13 A. H.
GEORGE CLARENCE WRIGHT, Cl.,	*Zanesville.*	15 A. H.

THE MIDDLE CLASS.

NAME.	RESIDENCE.	ROOM.
JOHN CAREY ADAMS, Cl.,	*Madison, Dak.*	40 A. H.
NATHANIEL BISHOP BACKUS, Sc.,	*Defiance.* West Broadway and Cherry Street.	
BENJAMIN GRANT BOWMAN, Cl.	*Maxville.* Mulberry Street and College Av.	
PERRY EMERSON BURT, Cl.,	*West Lafayette.*	13 A. H.
JOHN GERALD BYRNE, Cl.,	*Chicago, Ill.*	46 A. H.
CLARK WELLS CHAMBERLAIN, Cl.,	*Belden.*	1 A. H.
ARTHUR DAMRELL CHANDLER, Cl.,	*West Bay City, Mich.*	36 A. H.
NEWTON WARNER COLLORD, Cl.,	*Linwood.*	25 A. H.
FLETCHER RANSOM HALL, Cl.,	*Geneva.*	Elm Street.
ARTHUR THOMAS HUTSON, Cl.,	*Granville.*	Pearl Street.
GEORGE JEROME KYLE, Cl.,	*Lorain.*	30 A. H.
JOSEPH BUNYAN MCCONNAUGHEY, Cl.,	*Hillsboro.*	26 A. H.
ERNEST FRANKLIN MALONE, Cl.,	*Granville.*	Centerville Street.
DAVID DOUGLISH MURRAY, Cl.,	*Granville.*	Shepardson Court.
ELWYN FAUCETT NELSON, Cl.,	*Oshkosh, Wis.*	42 A. H.
LOUIS LONAS PICKENS, Cl.,	*Racine.*	22 A. H.
ORLO JOSIAH PRICE, Cl.,	*Newark.*	42 A. H.
EDWARD FREDERICK SCHMITZ, Cl.,	*Cincinnati.*	22 A. H.

MIDDLE CLASS—Continued.

NAME.	RESIDENCE.	ROOM.
ARTHUR JAMES STEVENS, Sc.,	*Dayton.*	West Broadway and Plum Street.
DAVID CORNELIUS VANDENBARK, Cl.,	*Licking Valley.*	46 A. H.
GEORGE ALONZO WYLY, Cl.,	*Granville.*	North Street.

THE JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
HENRY BRANDT,	*Verone, Neb.*	34 A. H.
WILLIAM HOOVER BROWNING,	*Plattsburg.*	25 A. H.
ERNEST DEMARY BRUMBACK,	*Mt. Vernon, Mo.*	West Broadway.
NORMAN GEER BUXTON,	*Johnstown.*	East Broadway.
WILLIAM FUNK COOPER,	*Cincinnati.*	West Broadway and Plum Street.
JOHN GEORGE DAUB,	*Trenton.*	7 A. H.
JOHN EILLS,	*Helena, Mont.*	25 A. H.
FREDERIC WORRALL FERRIS,	*Cincinnati.*	Elm and Cherry Streets.

JUNIOR CLASS—Continued.

NAME.	RESIDENCE.	ROOM.
LAWRENCE DILLON GOSNELL,	*High Water.*	Spellman Street.
JOSHUA BRANCH HATCHETT,	*Rehoboth, Va.*	Granger Street.
ARTHUR LLEWELLYN HAVENS,	*Alexandria.*	Pearl and College Streets.
GEORGE ELLS HERVEY,	*Granville.*	Granville Female College.
WILSON GARDNER HOOVER,	*Lewiston, W. Va.*	40 A. H.
JOSEPH JENKINS,	*Glouster.*	15 A. H.
THOMAS KENYON LEWIS,	*West Lafayette.*	11 A. H.
FRANK GRANT MARDIS,	*Granville.*	East Broadway and Pearl Street.
EMIL MARTIN MARTINSON,	*Granite Falls, Minn.*	College Street.
FRANK WILLOT MURPHY,	*Trenton.*	38 A. H.
ROLLA MARVIN MYERS,	*Granville.*	College Street.
WILLIAM F. NOBLE,	*Pittsburgh, Pa.*	24 A. H.
ELMER BENJAMIN PACKER,	*Toulon, Ill.*	College Street.
JOSEPH THEODORE PALMER,	*Canton.*	South Main Street.
ANDERSON RICHARD PHILLIPS,	*Rock Lick, W. Va.*	Plum Street.
JESSE WEBB TENNEY,	*Perry.*	28 C. H.
JOHN LUSE TUTTLE,	*Springfield.*	Pearl and Elm Streets.
DAVID LUTHER WOODS,	*Fayette.*	College Street.

THE PREPARATORY CLASS.

NAME.	RESIDENCE.	ROOM.
Arthur Charles Baldwin,	*Granville.*	Elm Street.
Wilbert Roy Davis,	*Otsego.*	College Street.
Henry White Deming,	*Granville.*	West Broadway.
Ransom S. Ensign,	*Penfield.*	34 A. H.
Burton Arthur Jones,	*Alexandria.*	East Broadway.
Spencer Cone Jordan,	*Adamsville.*	College and Prospect Streets.
Frank Martin Murphey,	*Millersport.*	Elm and Cherry Streets.
William Morton Murphey,	*Millersport.*	Elm and Cherry Streets.
Alton Greer Page,	*Kirtland.*	48 C. H.
John Franklin Skaggs,	*Danvers, Ill.*	Pearl and College Streets.
Albert James Tanner,	*Kirtland.*	West Broadway.
Adoniram Judson Tuttle,	*Granville.*	Cherry Street.
William Warner Warden,	*Granville.*	Burgh Street.

ELECTIVE STUDENTS.

NAME.	RESIDENCE.	ROOM.
HENRY WARD BEECHER BARNES,	*Gann.*	West Broadway and Cherry Street.
CLARENCE COLFAX CARTER,	*Granville.*	Pearl and Summit Streets.
WALTER LEVI DEWEY,	*Willoughby.*	College Street.
JOSEPH HENRY DINE,	*Middletown.*	1 A. H.
BENJAMIN WILLIS FARRIS,	*Helena, Ark.*	36 A. H.
ALBERT ELISHA FOWLER,	*Somerville, Mass.*	West Broadway.
WILLIAM HOWARD HERRICK,	*Granville.*	College Street.
WILLIAM EDWARD JONES,	*Perrysville.*	West Broadway.
JOHN CYRUS MADDEN,	*Fultonham.*	College Street.
FRANKLIN NATHANIEL PHELPS,	*Ashtabula.*	West Broadway.
JOHN AUGUSTUS REICHELT, JR.,	*Chicago, Ill.*	21 A. H.
THOMAS SAMUEL RIGGS,	*Moundsville, W. Va.*	29 A. H.
KENNETH BRUCE RINGLE,	*Attica.*	26 C. H.
ANDREW TORY RITTIG,	*Middletown.*	48 C. H.
JACOB SANFORD,	*Elyria.*	College Street.

ELECTIVE STUDENTS—Continued.

NAME.	RESIDENCE.	ROOM.
CLARENCE MAYWOOD SPELLMAN,	*Granville.*	West Broadway.
WALTER KEMP SPOHN,	*Dayton.*	25 A. H.
WILLIAM JOSEPH STITH,	*Granville.*	West Broadway and Cherry Street.
BENJAMIN JOHN THOMAS,	*Oshkosh, Wis.*	College Street.
CHARLES BROWN WHITE,	*Newark.*	Mulberry Street.
ELIJAH AMOS WITTER,	*Woodstock.*	West Broadway.

Courses of Instruction.

FALL TERM.

PREPARATORY YEAR.

1. ENGLISH.—Grammar—*Reed and Kellogg.*
2. MATHEMATICS.—Intellectual Arithmetic.
3. HISTORY.—United States. *Barnes.*

JUNIOR YEAR

1. LATIN.—Grammar. *Harkness.* First Lessons.
2. MATHEMATICS.—Algebra.
3. PHYSICAL GEOGRAPHY.—*Appleton.*

WINTER TERM.

1. ENGLISH.—Grammar and Analysis.
2. MATHEMATICS.—Practical Arithmetic.
3. HISTORY.—United States. *Barnes.* England. *Montgomery.*

1. LATIN.—First Lessons continued.
2. MATHEMATICS.—Algebra.
3. SCIENCE.—Physiology *Walker.*

SPRING TERM.

1. ENGLISH.—Composition.
2. MATHEMATICS.—Practical Arithmetic.
3. HISTORY.—England. *Montgomery.*

1. LATIN.—Cæsar: The Helvetian War. *Kelsey.* Latin Prose Composition. *Harkness.*
2. MATHEMATICS.—Algebra.
3. HISTORY.—Ancient. *Swinton.*

GENERAL EXERCISES.—Bible History and Geography, Elocution, Declamations, and Essays during the year.

MIDDLE YEAR.

FALL TERM.

I.
CLASSICAL COURSE.

1. LATIN.—Caesar's Gallic War continued. Selections *Kelsey*. Latin Prose Composition continued. *Harkness*.

2. GREEK.—Grammar. *Hadley-Allen*. First Lessons *Boise*.

3. SCIENCE.—Elementary Physics. *Gage*.

II.
SCIENTIFIC COURSE.

1. LATIN.—Cæsar's Gallic War continued. Selections. *Kelsey*. Latin Prose Composition continued. *Harkness*

2. HISTORY. — Mediaeval and Modern *Swinton*.

3. SCIENCE.—Elementary Physics. *Gage*.

III.
ACADEMIC COURSE.

1. LATIN —Cæsar's Gallic War continued. Selections. *Kelsey*. Latin Prose Composition continued. *Harkness;* or
   FRENCH.—Grammar. *Whitney*. Reader. *Whitney* or *Otto;* or
   GREEK.—Grammar. *Hadley-Allen*. First Lessons. *Boise*.

2. HISTORY.—Mediaeval and Modern. *Swinton*.

3. SCIENCE.—Elementary Physics. *Gage*.

WINTER TERM.

1. LATIN.—Cicero's Orations against Catiline. *Harkness*. Latin Prose Composition continued. *Harkness*.

2. GREEK.—First Lessons continued. *Boise*. Greek Reader. *Moss*.

3. ENGLISH.—Rhetoric.

1. LATIN.—Cicero's Orations against Catiline. *Harkness*. Latin Prose Composition continued. *Harkness*.

2. SCIENCE.--Elementary Physics. *Gage*.

3. ENGLISH.—Rhetoric.

1. LATIN.—Cicero's Orations against Catiline. *Harkness*. Latin Prose Composition continued. *Harkness*; or
   FRENCH.—Grammar and Reader continued; or
   GREEK.—First Lessons continued. *Boise*. Greek Reader. *Moss*.

2. SCIENCE.—Elementary Physics. *Gage*.

3. ENGLISH.—Rhetoric.

MIDDLE YEAR—Continued.

SPRING TERM.

I.

CLASSICAL COURSE.

1. LATIN.—Vergil. Selections from Bucolics and Georgics. *Frieze.* Prosody. Auxilia Vergiliana. *Whiton.* Mythology. *Berens.*

2. GREEK.—Xenophon's Anabasis. *Boise.* Greek Prose Composition. *Jones.*

3. ENGLISH.—Rhetoric.

GENERAL EXERCISES.—Bible History and Geography, Elocution, Essays, and Declamations during the year.

II.

SCIENTIFIC COURSE.

1. LATIN.—Vergil. Selections from Bucolics and Georgics. *Frieze.* Prosody. Auxilia Vergiliana. *Whiton.* Mythology. *Berens.*

2. SCIENCE.—Mechanical Drawing.

3. ENGLISH.—Rhetoric.

GENERAL EXERCISES.—Bible History and Geography, Elocution, Essays, and Declamations, during the year.

III.

ACADEMIC COURSE

1. LATIN.—Vergil. Selections from Bucolics and Georgics. *Frieze.* Prosody. Auxilia Vergiliana. *Whiton.* Mythology. *Berens;* or

FRENCH.—*Racine's* Athalie or *Corneille's* Cid. Outlines of French History; or

GREEK.—Xenophon's Anabasis. *Boise.* Greek Prose Composition. *Jones.*

2. SCIENCE.—Mechanical Drawing.

3. ENGLISH.—Rhetoric.

GENERAL EXERCISES.—Bible History and Geography, Elocution, Essays, and Declamations during the year.

SENIOR YEAR.

FALL TERM.

I.

CLASSICAL COURSE.

1. LATIN.—Vergil's Aeneid, Books I., II., III. *Frieze.* Prosody and Mythology continued.
2. GREEK.—Xenophon's Anabasis continued. *Boise.* Greek Prose Composition continued. *Jones.*
3. MATHEMATICS.—Plane Geometry. *Olney.*

II.

SCIENTIFIC COURSE.

1. LATIN.—Vergil's Aeneid, Books I., II., III. *Frieze.* Prosody and Mythology continued; or
   FRENCH.—*Whitney's* Grammar and Reader or *Otto's* Reader; or
   GREEK.—Grammar. *Hadley-Allen.* First Lessons. *Boise.*
2. SCIENCE.—Chemistry. *Shepard.*
3. MATHEMATICS.—Plane Geometry. *Olney.*

III.

ACADEMIC COURSE.

1. ENGLISH LITERATURE.—*Kellogg;* or
   GERMAN.
2. SCIENCE.—Chemistry *Shepard.*
3. MATHEMATICS.—Plane Geometry. *Olney.*

WINTER TERM.

1. LATIN.—Vergil's Aeneid, Books IV., V., VI. *Frieze.*
2. GREEK.—Xenophon's Anabasis continued. *Boise.* Greek Prose Composition continued. *Jones.*
3. MATHEMATICS.—Solid and Spherical Geometry. *Olney.*

1. Vergil's Aeneid, Books IV., V., VI. *Frieze;* or
   FRENCH.—*Whitney's* Grammar and Reader or *Otto's* Reader. Outlines of French History; or
   GREEK.—First Lessons continued. *Boise.* Greek Reader. *Moss.*
2. SCIENCE.—Comparative Anat. and Physiology.
3. MATHEMATICS.—Solid and Spherical Geometry. *Olney.*

1. ENGLISH.—English Literature. *Kellogg;* or
   GERMAN.
2. SCIENCE.—Comparative Anatomy and Physiology.
3. MATHEMATICS.—Solid and Spherical Geometry. *Olney.*

SENIOR YEAR—Continued.

SPRING TERM.

I.

CLASSICAL COURSE.

1. LATIN.—Cicero's Orations: Poet Archias, Manilian Law, Marcellus, Ligarius. *Harkness.*

2. GREEK.—Xenophon's Anabasis continued. *Boise.* Greek Prose Composition continued. *Jones.*

3. MATHEMATICS.—Algebra. *Olney's University Edition.*

GENERAL EXERCISES.—Bible History and Geography, Elocution, and Orations during the year.

II.

SCIENTIFIC COURSE.

1. LATIN.—Cicero's Orations: Poet Archias, Manilian Law, Marcellus, Ligarius. *Harkness;* or
   FRENCH.—*Racine's* Athalie or *Corneille's* Cid. Outlines of French History; or
   GREEK.—Xenophon's Anabasis. *Boise.* Greek Prose Composition. *Jones.*
2. SCIENCE.—Botany. *Gray's Manual.*
3. MATHEMATICS.—Algebra. *Olney's University Edition.*

GENERAL EXERCISES.—Bible History and Geography, Elocution, and Orations during the year.

III.

ACADEMIC COURSE.

1. GERMAN.—Or
   ASTRONOMY.
2. SCIENCE.—Botany. *Gray's Manual.*
3. MATHEMATICS.—Algebra. *Olney's University Edition.*

GENERAL EXERCISES.—Bible History and Geography, Elocution, and Orations during the year.

General Information.

ORGANIZATION.

This institution is a part of the educational system controlled by the Board of Trustees of Denison University. It has existed as a Preparatory Department since the establishment of the University, but in 1887, with the design of increasing the efficiency of the Department, the Trustees organized it into a separate school.

AIMS.

It is the special aim of the Academy to bestow the best quality of instruction preparatory to College. In addition to the preparatory work, however, the curricula have been so enlarged as to furnish to those not intending to pursue a course in College a first class Academic education

COURSES OF STUDY.

There are three courses of study—the Classical, the Scientific, and the Academic. The first two lead to the courses in the College which are correspondingly named. Each of these three courses extends through three years, and there is one year preparatory to them all. The holder of a Diploma of the Academy is admitted without examination to the Freshman class in Denison University. Although these courses have been arranged with special reference to the curricula of this University, they will be found in the main sufficient to prepare for entrance into any American College

GOVERNMENT.

It is the desire to establish and constantly to preserve a relation of confidence between teacher and pupil, and to stimulate those sentiments which mature into Christian manhood. Students are encouraged in self-government, and to this end the greatest possible freedom is accorded them; but they are continually taught the difference between liberty and license, and that self-denial which is necessary to the highest good both of themselves and of their fellows. While it is the aim of this school to do all the good possible to every student, it is in no sense a reform school, and no student, whose influence is found to be injurious, will be suffered to remain.

No student of the Academy is allowed to be absent from town except upon permission previously obtained from the Principal.

Indulgence in profanity, the use of intoxicating liquors, or visiting any place of questionable character renders the student liable to suspension.

ELECTIVE STUDIES.

When the reasons seem to be sufficient, students will be permitted to make and assisted in making a judicious choice of elective studies, but this will never be allowed to interfere with the work of the regular classes in which such studies may be elected.

CONDITIONS OF ADMISSION.

The requirements for admission to the Junior Class are the studies of the Preparatory Year, and to advanced standing the studies previously pursued by the class which the applicant desires to enter.

No student will be admitted who is not fitted to do well the work of the Preparatory Year.

An applicant not personally known to some member of the Faculty must furnish testimonials of good character, and, if from another institution, he must present a certificate of honorable dismission.

REGULARITY AND PUNCTUALITY.

Although students are admitted upon special examination at any time, they enter to the best advantage at the beginning of the Fall Term. Those desiring to enter during the year should, by correspondence with the Principal, ascertain beforehand, as nearly as possible, the progress which has been made by the classes which they propose to enter.

Parents are especially urged to encourage students to be present at the opening and to remain at their work during the entire term. Absence from the duties of the school, whether occasioned by absence from town or by the entertainment of friends, is subversive of the highest good of the student. His pleasure, or that of his friends, should never be permitted to interfere with his daily duties.

VOLUNTARY SOCIETIES.

There are connected with the Academy and conducted by the students, two literary societies—the Ciceronian and the Irving. Each society has its own hall, which is neatly and tastefully furnished, and in which it holds weekly meetings.

The students of the Academy are also admitted to membership in the Denison University branch of the College Y. M. C. A.

GENERAL EXERCISES.

A special course in Elocution is furnished to all the students of the Academy who desire it.

In addition to this, essays and declamations are required of all the members of the Academy, and these productions are presented to the assembled students in regular weekly programmes.

BIBLE STUDY.—As a general exercise for all the classes there is in preparation a course of instruction in Bible History, Geography, and Archaeology, extending through three years.

REPORTS.

At the close of each term of study the Principal mails to the parent or guardian of each student in the Academy a report of the standing attained by him in each study pursued during the term, together with a record of his absences from his duties and of his deportment.

Reports concerning individual students will also be furnished at any time during the term upon the request of the parent or guardian.

PUBLIC EXERCISES.

Each of the literary societies holds during the year two special public meetings—an "Annual" near the end of the Winter Term and a "Commencement" near the close of the Spring Term.

During the Commencement week of the University occur the graduating exercises of the Academy. The programme is participated in by members chosen from the class completing the work of the institution. To each student who completes in a satisfactory manner either of the courses of study there is given the diploma of the Academy.

EXPENSES.

The expenses in the Academy are the same as in the College, (see page 33.)

ROOMS.

One of the buildings of Denison University has been set apart to the purposes of the Academy. It contains class-rooms, society halls, and rooms for students, all of which are under the supervision of the Principal of the Academy, and subject at all times to his inspection.

DISMISSION.

No student who leaves the school before the close of a term will be considered as having honorably severed his connection with the Academy unless duly dismissed by the Principal.

FURTHER INFORMATION.

General information regarding Terms and Vacations, Expenses, Libraries, Moral and Religious Influence, Examinations, and Local Advantages, may be found in connection with information concerning the College on pages 32-38.

Any further information may be obtained by communication with the Principal of the Academy.

Summary.

COLLEGE.

Resident Graduate,	1
Senior Class,	10
Junior Class,	11
Sophomore Class,	16
Freshman Class,	27
Electives,	10
Young Ladies in Classes,	31
Total in the College,	106

ACADEMY.

Senior Class,	30
Middle Class,	21
Junior Class,	26
Preparatory Class,	13
Electives,	21
Young Ladies in Classes,	21
Total in the Academy,	132
	238
Deduct twice numbered,	14
Total in the University,	224

ABBREVIATIONS.

Cl.,	Classical.
Ph.,	Philosophical.
Sc.,	Scientific.
A. H.,	Academy Hall.
C. H.,	College Hall.

Index.

Abbreviations, ... 60

Alumni Association, ... 39

Board of Trustees, ... 5

Calendar, ... 4

Committees of the Board of Trustees, . . . 7

Courses of Study—College, ... 19

" " —Academy, ... 51

Degrees, ... 36

Examinations,, Rules for, ... 36

Expenses—College, ... 33

" —Academy, ... 58

Faculties and other Officers, ... 8

Faculty of the College, ... 12

" " Academy,. 42

General Information—College, ... 32

" " —Academy, ... 56

Library, ... 33

Scientific Association, ... 37

Statement of Work in each Department, . . . 25

Students—College, ... 13

" —Academy, ... 43

Summary of Students, ... 60

BOOK SELLERS
STATIONERS
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Denison University Library

Second Annual Catalogue

OF THE

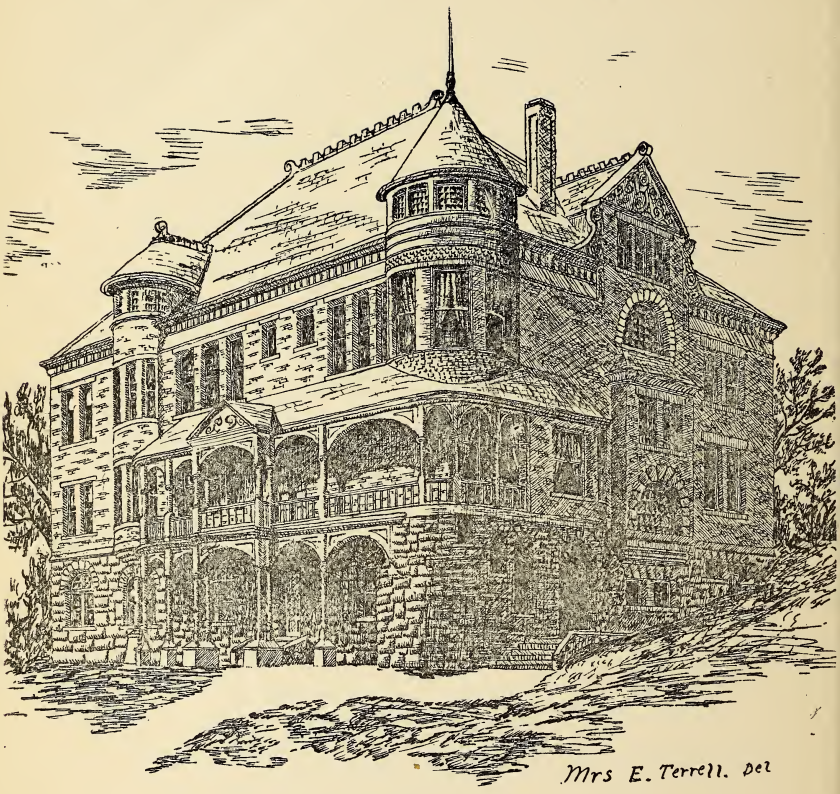
OFFICERS AND STUDENTS

OF

Shepardson College for Women,

GRANVILLE, OHIO.

1888-89.



BURTON HALL.

Board of Trustees.

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G. M. PETERS, Esq., Vice President.
Rev. H. H. TUTTLE, Treasurer.
ALMON U. THRESHER, Secretary.

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E. E. LITTLE, Esq., Norwalk.
Rev. G. W. LASHER, D.D., Cincinnati.
Rev. H. H. TUTTLE, Granville.
J. R. DAVIES, Esq., Newark.
Rev. J. C. FERNALD, Garrettsville.
D. M. SHEPARDSON, Esq., Granville.

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Rev. G. O. KING, Cleveland.
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Rev. C. J. BALDWIN, D.D., Granville.
Rev. A. S. HOBART, D.D., Toledo.
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ALMON U. THRESHER, Granville.
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E. J. BARNEY, Esq., Dayton.
T. J. PEALE, M.D., Cincinnati.

Committees.

Executive Committee.

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E. M. THRESHER, G. M. PETERS,
T. J. PEALE.

Auditing Committee.

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" GEORGE COOK, Canton.
" R. S. COLWELL, Granville.
" J. A. ROBERT, Dayton.
" S. W. ADAMS, Cleveland.
" J. M. AMOS, Cambridge.
" J. R. DAVIES, Newark.
" A. L. WILKINSON, Springfield.
" E. M. LOUNSBURY, Dayton.

Faculty.

GALUSHA ANDERSON, D.D., LL.D.,
President,
INTELLECTUAL AND MORAL PHILOSOPHY.

M. FRANCES BABCOCK,
Lady Principal,
INSTRUCTOR IN THE LATIN LANGUAGE AND LITERATURE.

MRS. M. K. COMPTON,
Matron.

MRS. ANDREW L. RALSTON,
DIRECTOR OF THE ART DEPARTMENT.

CARRIE A. HUTSON,
INSTRUCTOR IN INSTRUMENTAL MUSIC.

AMY L. LYON,
INSTRUCTOR IN MATHEMATICS.

JOSEPHINE C. ROBERTSON,
INSTRUCTOR IN RHETORIC AND ENGLISH LITERATURE.

G. D. ROGERS,
INSTRUCTOR IN VOCAL MUSIC.

Students' Register.

COLLEGIATE DEPARTMENT.

NAME.	RESIDENCE.	ROOM.
	SENIOR CLASS.	
Bessie Lee Sample,	*Dayton.*	B. H.
Grace Gertrude Lyon,	*Medina.*	C. C.
	JUNIOR CLASS.	
Mary Louise Allen,	*Dayton.*	B. H.
Margaret Kyle,	*Granville.*	West Broadway.
	SOPHOMORE CLASS.	
May Mc Intosh Compton,	*Dayton.*	B. H.
Eva Antoinette Davis,	*LaGrange.*	S. C.
Grace Dana Leonard,	*Norwalk.*	C. C.
	FRESHMAN CLASS.	
Ethel Jean Luke,	*Stillwater, Minn.*	B. H.
Anna Urania Stiles,	*Pemberton.*	Plum Street.

ELECTIVE.

NAME.	RESIDENCE.	ROOM.
Emma Burnham,	*West Jefferson.*	S. C.
Jennie Alice Cole,	*Beverly, Mass.*	B. H.
Lillian De Armond,	*Linwood.*	B. H.
Mary Humphreys,	*Willoughby.*	Plum Street.
Clara Burrows Jones,	*West Jefferson.*	S. C.
Clara Agnes Nelson,	*Toledo.*	B. H.
Ida Melvina Saunders,	*Constantia.*	Plum Street.
Leonora Sedgwick,	*Granville.*	West Broadway.
Susan Caroline Talbot,	*Granville.*	West Broadway.

PREPARATORY DEPARTMENT.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Elta May Dix,	*Seville.*	College Street.
Belva J. Dix,	*Seville.*	College Street.
Hattie Dale Johnson,	*Sistersville, W. Va.*	Plum Street.
Etta Louise Hulbert,	*Morgan Park, Ill.*	B. H.
Mary Louise Hulbert,	*Chicago, Ill.*	B. H.
Mary V. Smith,	*Mercer's Bottom, W. Va.*	College Street.

MIDDLE CLASS.

Florence Hannah Eddy,	*Granville.*	College Street.
Chloe Lucretia George,	*Fairfield, Ill.*	S. C.
Mary Ellen Pearce,	*Granville.*	College Avenue.
Mabel Clare Swartz,	*Newark.*	B. H.
Laura May Tuttle,	*Granville.*	South Cherry Street
Sarah Elva Wilson,	*South Charleston.*	S. C.

JUNIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Harriett Elizabeth Davis,	*Wahoo, Neb.*	B. H.
Ruth Anna Mc Cune,	*Rural Dale.*	C. C.
Margaret Smith Nelson,	*Toledo.*	B. H.
Jean Shattuck Nelson,	*Toledo.*	B. H.
Nancy Alberta Sapp,	*Edenton.*	West Elm Street.
Kate Smith,	*Mercer's Bottom, W. Va.*	College Street.
Emma Jane Wyly,	*Granville.*	North Street.

ELECTIVES.

Mary Freeman Anderson,	*Granville.*	College Hill.
Cora Adella Allen,	*Chandlersville.*	C. C.
Blanch Beltz,	*Miamisville.*	West Elm Street.
Florence Eastman Boynton,	*Franklin.*	B. H.
Louise J. Buker,	*Otsego.*	C. C.
Mary Burt,	*West Lafayette.*	B. H.
Ethel Emily Campbell,	*Bucyrus.*	C. C.
Daisy Matilda Campbell,	*Bucyrus.*	C. C.
Nira Julia Chambers,	*Chandlersville.*	B. H.
Almina Teressa Danner,	*Canton.*	B. H.
Mary Letitia Dillencourt,	*Xenia.*	S. C.

ELECTIVES—Continued.

NAME.	RESIDENCE.	ROOM.
Martha Christie Geach,	*Granville.*	Centerville Street.
Roma Maud Howell,	*Addison.*	S. C.
Katherine Hazelton,	*Straitsville.*	C. C.
Dora Jones,	*Chillicothe.*	College Street.
Minnie Grace Keepers,	*Cambridge.*	B. H.
Maggie Mae Lewis,	*Alexandria.*	C. C.
Alice Bancroft Little,	*Dresden.*	B. H.
Catherine Mc Kown,	*Mt. Vernon.*	B. H.
Bertha Moore,	*Middletown.*	S. C.
Marcella O'Neal,	*East Greenwood.*	S. C.
Bessie Payne,	*Evanston, Ill.*	B. H.
Eva Della Powell,	*Granville.*	West Broadway.
Annette Virginia Roff,	*Zanesville.*	B. H.
Anna Marie Stevens,	*Dayton.*	S. C.
Mary Sedgwick,	*Granville.*	West Broadway.
Edith Smith,	"	Burgh Street.
Lorinda Ballou Spellman,	"	West Broadway.
Alma Peters Spellman,	"	West Broadway.
Mary Talbot,	"	West Broadway.

ELECTIVES—Continued.

NAME.	RESIDENCE.	ROOM.
MARTHA BIRD TUTTLE,	*Granville.*	South Cherry Street.
GRACE EVELYN WILCOX,	*Sunbury.*	Plum Street.
FLORENCE EVELYN WOLFENDEN,	*Chicago, Ill.*	B. H.

ART DEPARTMENT.

MARY FREEMAN ANDERSON,	*Granville.*	College Hill.
NETTIE ASHTON,	*Granville.*	West Broadway.
HELEN ADELADE BALDWIN,	*Granville.*	West Elm Street.
MARY BURT,	*West Lafayette.*	B. H.
STELLA MARIE CASE,	*Granville.*	North Street.
RACHEL COLWELL,	*Granville.*	College Hill.
WILLIE COLWELL,	*Granville.*	College Hill.
JENNIE VASHTI CHANDLER,	*Granville.*	West Elm Street.
ELLEN DOUGLAS,	*Springfield.*	West Elm Street.
EMILY BOARDMAN DOWNER,	*Granville.*	East Broadway.
LILLIAN DE ARMOND,	*Linwood.*	B. H.
RAY GILPATRICK,	*Granville.*	College Hill.
MRS. G. W. HUNT,	*Walla Walla, W. T.*	West Broadway.

ART DEPARTMENT— Continued.

NAME.	RESIDENCE.	ROOM.
Lillie Hunt,	*Walla Walla, W. T.*	West Broadway.
Carrie Marie Howland,	*Granville.*	East Broadway
Blanche Imogen Hayes,	"	South Mulberry Street.
Irene C. Jones,	"	East Broadway.
Herbert L. Jones,	"	East Elm Street.
Hattie A. Kemp,	*Bucklin, Mo.*	East Elm Street.
Helen Elizabeth Kyle,	*Granville.*	West Broadway.
Alice Bancroft Little.	*Dresden.*	B. H.
Thomas H. Lewis,	*West Lafayette.*	D. U.
Maggie Mae Lewis,	*Alexandria.*	C. C.
Grace Dana Leonard,	*Norwalk.*	C. C.
Clara Agnes Nelson,	*Toledo.*	B. H.
Mary J. Osbun,	*Granville.*	West Elm Street.
Laura Belle Parsons,	"	West Elm Street.
Mrs. Nettie Reed,	*Columbus.*	West Broadway.
Annettie Virginia Roff,	*Zanesville.*	B. H.
Mary Smith,	*Granville.*	College Street.
Mary A. Shorey,	"	College Street.

ART DEPARTMENT—Continued.

NAME.	RESIDENCE.	ROOM.
Alma Peters Spellman,	*Granville.*	West Broadway.
Mrs. A. U. Thresher,	"	West Broadway.
William G. Tight,	"	West Elm Street.
Mary Elizabeth Talbot,	"	West Broadway.
John Luse Tuttle,	"	South Cherry Street.
Margaret Anne Tuttle,	"	South Cherry Street.
Anna L. Vance,	"	West Broadway.
Mary M. Vance,	"	West Broadway.
Gwen M. Watkin,	"	North Pearl Street.

MUSIC DEPARTMENT.

Lucy Caroline Anderson,	*Granville.*	College Hill.
Cora Adella Allen,	*Chandlersville.*	C. C.
H. W. B. Barnes,	*Gann.*	D. U.
Julia Barnes,	*Granville.*	North Mulberry Street.
Florence Eastman Boynton,	*Franklin.*	B. H.
Emma Burnham,	*West Jefferson.*	S. C.
Perry Emerson Burt,	*West Lafayette.*	D. U.

MUSIC DEPARTMENT—Continued.

NAME.	RESIDENCE.	ROOM.
E. F. Butler,	*Defiance.*	D. U.
Arthur M. Brumback,	*Boise City, Idaho.*	D. U.
Nira Julia Chambers,	*Chandlersville.*	B. H.
Almina Teressa Danner,	*Canton.*	B. H.
Harriett Elizabeth Davis,	*Wahoo, Neb.*	B. H.
Roy Davis,	*Otsego.*	D. U.
Corinne May Dix,	*Seville.*	College Street.
Herbert Dorsey,	*Granville.*	West Broadway.
Albert Fowler,	*Somerville, Mass.*	D. U.
Roma Maud Howell,	*Addison.*	S. C.
Lily Hunt,	*Walla Walla, W. T.*	West Broadway.
Clarence Clyde Hunt,	*Walla Wallo, W. T.*	West Broadway.
Dora Jones,	*Chillicothe.*	College Street
Clara Burrows Jones,	*West Jefferson.*	S. C.
Minnie Grace Keepers,	*Cambridge.*	B. H.
Ruth Anna McCune,	*Rural Dale.*	C. C.
Clara Agnes Nelson,	*Toledo.*	B. H.
Marcella O'Neal,	*East Greenwood.*	S. C.
Grace Owen,	*Alexandria.*	

MUSIC DEPARTMENT—Continued.

NAME.	RESIDENCE.	ROOM.
Bessie Payne,	*Evanston, Ill.*	B. H.
Orlo Josiah Price,	*Newark.*	D. U.
Anna Marie Stevens,	*Dayton.*	C. C.
Susan Caroline Talbot,	*Granville.*	West Broadway.
Laura May Tuttle,	"	South Cherry Street.
Nina Williams,	*Hamilton.*	B. H.
Bertha Eliza Yarnell,	*Senecaville.*	South Cherry Street.

Summary.

COLLEGIATE DEPARTMENT.

Senior Class,	2
Junior Class,	2
Sophomore Class,	3
Freshman Class,	2
Electives,	9
Total in the Collegiate Department,	18

PREPARATORY DEPARTMENT,

Senior Class,	6
Middle Class,	6
Junior Class,	7
Electives,	33
Total in the Preparatory Department	52
Art Department,	40
Music Department,	33
Total in all the Departments,	143
Names repeated,	27
Total,	116

ABBREVIATIONS.

C. C.,	Case Cottage.
S. C.,	Shepardson Cottage.
B. H,,	Burton Hall.
D. U.	Denison University.

Requirements for Admission.

Applications should be made before the opening of the school year, to the Lady Principal. Candidates for admission to any classes of the Preparatory Department must present their grades in other schools. Pupils who enter in September are expected to remain during the school year, unless special arrangements are made upon entrance.

ELIGIBILITY.--Candidates for admission must give satisfactory evidence of good character; when coming from other institutions, a regular dismissal from those schools will be an additional requirement for admission to this.

PREPARATION.—Candidates for admission to the Freshman Class must have completed the Course of Study of the Preparatory Department, or its equivalent.

EXAMINATION.—Candidates for the Freshman Class must pass a satisfactory examination in the studies of the Preparatory Department, for any of which fair equivalents in kind may be substituted.

Applicants for admission to a higher class are required, in addition, to be examined in the prescribed studies previous to that grade, and in the requisite number of elective studies previous to that grade, as chosen by the applicant and approved by the Faculty.

N. B.—For date of entrance examinations, see Calendar.

ELECTIVE STUDIES.—Students who do not wish to enter the regular courses may elect a course of study, subject to the approval of the Faculty. The amount of work previously done in the special line of study desired, must be stated and grades presented.

Courses of Study.

COLLEGIATE DEPARTMENT.

I.

FOR THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN CLASS.

FALL TERM.

Latin.—Livy. Review of Select Topics in Latin Grammar. Latin Prose Composition once a week during the year. Select Chapters from Liddell's Roman History at intervals throughout the course.

Greek.—Select Orations of Lysias. History of Athens under the Thirty Tyrants, and the Restoration of the Democracy. Smith's History of Greece. Boise's Exercises in Greek Syntax, weekly.

Mathematics.—Part III. of Olney's University Algebra.

English Literature.—Weekly Readings from English Authors of the Nineteenth Century.

Rhetoric.—Essays on Selected Subjects.

WINTER TERM.

Latin.—Livy or Sallust, five weeks. Cicero's De Officiis or De Senectute and De Amicitia, eight weeks Reading at sight in Latin Historians. Smith's Selections used for Collateral Reading throughout remaining terms of the course.

Greek.—Herodotus or Thucydides. Historical Essays. Boise's Exercises in Greek Syntax, weekly.

Mathematics.—Part III. of Olney's Geometry, University Edition.

English Literature.—Weekly Readings from American Authors of the Nineteenth Century.

Rhetoric. Essays on Selected Biographical Subjects.

SPRING TERM.

Latin.—Horace. Odes, Epodes, and Satires. Review of Latin Prosody.

Greek.—Boise's Homer's Iliad. Written Sketches on Homeric Themes.

Chemistry.—Shepard. Experimental Lectures. Laboratory study of the Non-metals.

English Literature.—Weekly Readings from American Authors.

Rhetoric.—One Essay on a Selected Historical Topic.

SOPHOMORE CLASS.

FALL TERM.

Greek.—Demosthenes. Lessons from Smith on the History of Greece during the Rise and Extension of the Macedonian Empire. Greek New Testament, one hour a week.

English.—Hill's Science of Rhetoric; Analysis of Subjects; Literary Criticism. Essays on Selected Historical Topics.

ELECTIVES.

Mathematics.—Olney's Trigonometry, Plane and Spherical. General Geometry begun.

French.—Whitney's Grammar. Rougemont's La France.

WINTER TERM.

Latin.—Germania and Agricola of Tacitus, eight weeks. Juvenal or Vergil's Georgics or Pliny's Letters, five weeks. Laws of Consonant Change in Latin. Select Chapters from Gibbon.

English.—History of English Literature. Readings from Early English Authors.

Rhetoric.—Essays on Selected Literary Topics.

ELECTIVES.

Mathematics.—General Geometry; Lectures on the Integral Calculus. Four hours a week.

Physiology.—Huxley. Comparative Anatomy, Dissection. Four hours a week.

French.—Thiers' Bonaparte en Egypte. Saintsbury's Primer of French Literature. Reading at Sight. Outlines of French History.

SPRING TERM.

Greek.—Apology and Crito of Plato. Greek New Testament, one hour a week.

Botany.—Gray's Manual. Elements of Plant Physiology.

ELECTIVES.

French.—Racine's Athalie, or Corneille's Cid. Saintsbury's Primer of French Literature. Reading at Sight. Outlines of French History.

English.—Chaucer; Specimens of Early English—Langland to Spenser.

JUNIOR CLASS.

FALL TERM.

Latin.—Horace.—Odes and Epistles, eight weeks. Quintillian, Book X, seven weeks. Latin Hymns. Crowell's Selections from the Latin Poets Lectures on Latin Literature.

German.—Whitney's German Grammar and Reader. Klemm's German by Practice.

Rhetoric.—Essays on Selected Topics.

ELECTIVES.

Mechanecs.—Ganot, first seven weeks of the term.

Zoology.—Packard's Zoology. Invertebrate Dissection, last eight weeks of the term.

History.—Political History of England.

English.—Literature of the Sixteenth and Seventeenth centuries—Seminary Method.

WINTER TERM.

Greek.—Tragedies of Sophocles or Euripides.

Logic.—Jevons. Deductive Logic. Method. Notes on the History of Logic. Fallacies.

Rhetoric.—Essays on Selected Topics.

ELECTIVES.

Physics.—Ganot. Experimental Lectures, Recitations, and Laboratory Work.

French.

SPRING TERM.

Latin.—Terence or Plautus, or both; two Plays in all. Crowell's Select Epigrams of Martial, mostly at sight. History of Latin Literature.

History.—Mediæval and Modern History.

Rhetoric.—Essays on Selected Topics.

ELECTIVES.

Astronomy.—Loomis' College Astronomy. Lectures.
French or *German.*

SENIOR CLASS.

FALL TERM.

Psychology.—Porter, Hamilton, and McCosh.

History of Philosophy.—Weekly Lectures throughout the Fall and Winter Terms.

English.—Development of the English Language and Literature. Welsh. Readings from representative authors of the Seventeenth, Eighteenth, and Nineteenth Centuries.

Rhetoric.—Two Essays on Prescribed Philosophical Themes.

ELECTIVES.

Geology.—Dana. Historical and Dynamical Geology. Field Exercises. Local Geology.
Italian or *Spanish.*

WINTER TERM.

Ethics.—Handbook of Moral Philosophy—Calderwood. Notes on the Philosophy of Ethics and the Moral Code.
Political Economy.

Rhetoric.—Two Essays on Prescribed Philosophical Themes.

ELECTIVES.

German.—Goethe's Herman and Dorothea.
French.—Luquiens' Scientific and Descriptive French.
History.—English and American Constitutional History.

SPRING TERM.

History of Civilization.—Guizot.
Evidences of Christianity.

ELECTIVES.

International Law.
History of Art.

II.

FOR THE DEGREE OF BACHELOR OF SCIENCE.

FRESHMAN CLASS.

FALL TERM.

Mathematics.—University Algebra, Part III. Olney.

French.—Whitney's Grammar. Rougemont's La France.

English Literature.—Weekly Readings from English Authors of the Nineteenth Century.

Rhetoric. Essays on Selected Subjects.

ELECTIVES.

Latin.—Livy. Review of Select Topics in Latin Grammar. Latin Prose Composition once a week during the year. Select Chapters from Liddell's Roman History at intervals throughout the course.

Chemistry.—Qualitative Analysis. Weekly Recitations on the Chemistry of the Metals.

WINTER TERM.

Mathematics.—Geometry, Part III. Olney.

French.—Thiers' Bonaparte en Egypte. Saintsbury's Primer of French Literature. Reading at Sight. Outlines of French History.

English Literature.—Weekly Readings from American Authors of the Nineteenth Century.

Rhetoric.—Essays on Selected Biographical Subjects.

ELECTIVES.

Latin.—Livy or Sallust, five weeks. Cicero's De Officiis or De Senectute and De Amicitia, eight weeks. Reading at Sight in Latin Historians. Smith Selections used for Collateral Reading throughout remaining terms of the course.

Chemistry.—Qualitative Analysis finished. Quantitative Analysis begun.

SPRING TERM.

French.—Racine's Athalie, or Corneille's Cid. Saintsbury's Primer of French Literature. Reading at Sight. Outlines of French History.

Mineralogy.

English Literature.—Weekly Readings from American Authors.

Rhetoric. One Essay on a Selected Historical Topic.

ELECTIVES.

Latin.—Horace. Odes, Epodes, and Satires. Review of Latin Prosody. Reading at Sight in Latin Poets. Elements of Comparative Philology.

Chemistry.—Quantitative Analysis.

SOPHOMORE CLASS.

FALL TERM.

German.—Whitney's German Grammar and Reader. Klemm's German by Practice.

English.—Hill's Science of Rhetoric; Analysis of Subjects; Literary Criticism. Essays on Selected Historical Topics.

ELECTIVES.

Mathematics.—Plane and Spherical Trigonometry. Olney.

History of Greece.

WINTER TERM.

German.—Von Raumer's Der erste Kreuzzug. Outlines of German History. Reading at Sight.

English.—History of English Literature. Readings from Early English Authors.

Rhetoric. Essays on Selected Literary Topics.

ELECTIVES.

Mathematics.—General Geometry.

Physiology.—Comparative Anatomy; four hours a week.

History of Rome.

SPRING TERM.

German—Schiller's Wilhelm Tell. Conant's Primer of German Literature. Reading at Sight.

Botany.—Gray's Manual, and Lectures.

English.—Chaucer; Specimens of Early English, Langland to Spenser.

Rhetoric. One Essay on a Selected Literary Topic.

JUNIOR CLASS.

FALL TERM.

English.—Literature of the Sixteenth and Seventeenth Centuries—Seminary Method.

Rhetoric. Essays on Selected Topics.

History.—Political History of England.

ELECTIVES.

Mechanics.—Ganot.

Botany.—Structural and Physiological. Bessey's Botany, seven weeks.

Zoology.—Eight weeks.

WINTER TERM.

Physics.—Ganot. Sound, Magnetism, Electricity. Daily Lectures and Recitations. Laboratory Work, three times a week.

Logic.—Jevons.

Rhetoric.—Essays on Selected Topics.

ELECTIVES.

German.—Hodge's Scientific German.

Zoology.—(Histology).

French.

SPRING TERM.

Physics.—Ganot. Heat and Light.

History.—Mediaeval and Modern History.

Rhetoric.—One Essay on a Selected Topic.

ELECTIVES.

Astronomy.—Loomis' College Astronomy. Lectures.

German or *French.*

Italian or *Spanish.*

SENIOR CLASS.

FALL TERM.

Psycolohgy.—Porter, Hamilton, and McCosh.

Geology.—Dana.

English.—Development of the English Language and Literature. Welsh. Readings from Authors of the Seventeenth, Eighteenth, and Nineteenth Centuries.

Rhetoric.—Two Essays on Prescribed Philosophical Themes.

WINTER TERM.

Ethics.—Calderwood.

Political Economy.

Rhetoric.—Essays on Prescribed Philosophical Themes.

ELECTIVES.

History.—English and American Constitutional History.

Geology.—Applied and Economic.

French.—Luquiens' Scientific and Descriptive French.

German.—Goethe's Herman and Dorothea.

SPRING TERM.

History of Civilization.—Guizot.

Evidences of Christianity.

ELECTIVES.

International Law.—Woolsey.

History of Art.

BIBLE STUDY. One hour a week in all departments of the College.

PREPARATORY DEPARTMENT.

I.

CLASSICAL COURSE.

JUNIOR YEAR.

FALL TERM.

1. *Latin.* Grammar—Harkness. First Lessons.
2. *Algebra.*
3. *Physical Geography.* Appleton.

WINTER TERM.

1. *Latin.* First Lessons continued.
2. *Algebra.*
3. *Physiology.* Hutchison.

SPRING TERM.

1. *Latin.* Ceasar—The Helvetian War—Harkness. Latin Prose Composition Harkness.
2. *Algebra.*
3. *Elementary Physics.* Gage.

General Exercises. Bible History and Geography, Elocution, Declamations, and Essays during the year.

BIBLE: Call of Abraham to Solomon.

MIDDLE YEAR.

FALL TERM.

1. *Latin.* Ceasar's Gallic War continued, Selections, Harkness. Latin Prose Composition continued, Harkness.
2. *Greek.* Grammar. Hadley-Allen. First Lessons, Boise.
3. *Civil Government.* Young.

WINTER TERM.

1. *Latin.* Cicero's Orations against Catiline, Harkness. Latin Prose Composition continued, Harkness.
2. *Greek.* First Lessons continued, Boise. Greek Reader, Moss.
3. *Ancient History.*

SPRING TERM.

1. *Latin.* Virgil. Selections from Bucolics and Georgics, Frieze. Prosody. Auxilia Vergiliana, Whiton. Mythology, Berens.
2. *Greek.* Xenophon's Anabasis, Boise. Greek Prose Composition, Jones.
3. *Rhetoric.*

General Exercises. Bible History and Geography, Elocution, Essays, and Declamations during the year.

BIBLE: Solomon to return from captivity.

SENIOR YEAR.

FALL TERM.

1. *Latin.* Vergil's Aeneid, Books I., II., III., Frieze. Prosody and Mythology continued.
2. *Greek.* Xenophon's Anabasis continued, Boise. Greek Prose Composition continued, Jones.
3. *Plane Geometry.* Olney.

WINTER TERM.

1. *Latin.* Vergil's Aeneid, Books IV., V., VI. Frieze.
2. *Greek.* Xenophon's Anabasis continued, Boise. Greek Prose Composition continued, Jones.
3. *Solid and Spherical Geometry.* Olney.

SPRING TERM.

1. *Latin.* Cicero's Orations. Poet Archias, Manilian Law, Marcellus, Ligarius. Harkness.

2. *Greek.* Xenophon's Anabasis continued, Boise. Greek Prose Composition continued, Jones.

3. *Algebra.* Olney's University Edition.

General Exercises. Bible History and Geography, Elocution, and Orations during the year.

BIBLE: Life of Christ with Old Testament prophecies.

II.

SCIENTIFIC DEPARTMENT.

JUNIOR YEAR.

FALL TERM.

1. *Latin.* Grammar, Harkness. First Lessons.
2. *Algebra.*
3. *Physical Geography.* Appleton.

WINTER TERM.

1. *Latin.* Frst Lessons continued.
2. *Algebra.*
3. *Physiology.* Hutchinson.

SPRING TERM.

1. *Latin.* Caesar, The Helvetian War, Harkness. Latin Prose Composition, Harkness.
2. *Algebra.*
3. *Elementary Physics*, Gage.

General Exercises, Bible History and Geography, Elocution, Declamations, and Essays during the year.

BIBLE: Call of Abraham to Solomon.

MIDDLE YEAR.

FALL TERM.

1. *Latin.* Caesar's Gallic War continued, Selections, Harkness. Latin Prose Composition continued, Harkness.
2. *Elementary Physics.* Gage.
3. *Civil Government.* Young.

1. *Latin.* Cicero's Orations against Catiline, Harkness. Latin Prose Composition continued, Harkness.
2. *Mechanical Drawing.*
3. *Ancient History.*

SPRING TERM.

1. *Latin.* Vergil, Selections from Bucolics and Georgics, Frieze. Prosody—Auxilia Vergiliana. Whiton.
   Mythology, Berens.
2. *Mediæval and Modern History*, Myers.
3. *Rhetoric.*

General Exercises. Bible History and Geography, Elocution, Essays, and Declamations during the year.

BIBLE: Solomon to return from captivity.

SENIOR YEAR.

FALL TERM.

1. *Latin.* Vergil's Aeneid Books I., II, III., Frieze. Prosody and Mythology continued; or
   French. Whitney's Grammar, and Whitney's or Otto's Reader; or
   Greek. Grammar, Hadley-Allen. First Lessons, Boise.
2. *Chemistry.* Shepard.
3. *Plane Geometry.* Olney.

WINTER TERM.

1. *Latin.* Vergil's Aeneid, Books IV., V., VI, Frieze; or
   French. Whitney's Grammar, and Whitney's or Otto's Reader. Outlines of French History; or
   Greek. First Lessons continued, Boise. Greek Reader, Moss.
2. *Comparative Anatomy and Physiology.*
3. *Solid and Spherical Geometry*, Olney.

SPRING TERM.

1. *Latin.* Cicero's Orations—Poet Archias, Manilian Law, Marcellus, Ligarius, Harkness; or
   French. Racine's Athalie or Corneille's Cid. Outlines of French History; or
   Greek. Xenophon's Anabasis, Boise. Greek Prose Composition, Jones.
2. *Botany.* Gray's Manual.
3. *Algebra.* Olney's University Edition.

General Exercises. Bible History and Geography, Elocution, and Orations during the year.

BIBLE: Life of Christ with Old Testament prophecies.

INTRODUCTORY YEAR.

FALL TERM.

1. *English Grammar.* Welsh.
2. *Political Geography.*
3. *History.* United States, Barnes.

WINTER TERM.

1. *Grammar aud Analysis.*
2. *Practical Arithmetic.*
3. *History.* United States, Barnes. England, Montgomery.

SPRING TERM.

1. *Book-keeping.* Bryant and Stratton.
2. *Practical Arithmetic.*
3. *History.* England, Montgomery.

ART DEPARTMENT.

I.

DRAWING.

FIRST GRADE.

1. Outlines from geometrical solids.
2. Simple studies from still-life objects.
3. Theory of perspective (from text-book).
4. Light and shade from cast.

SECOND GRADE.

1. Hands and feet from cast.
2. Detached features of face.
3. Study of light and shade from mask.
4. Landscape from copy.

THIRD GRADE.

1. Heads and figures from copy.
2. Finished studies from still-life.
3. Carefully executed studies of heads from casts.
4. Studies of heads and figures from life.

OIL PAINTING.

II.

FIRST GRADE.

1. Tints and gradations.
2. Study of color.
3. Finished studies from still-life groups.

SECOND GRADE.

1. Flowers and fruit from copy.
2. Flowers and fruit from nature.
3. Landscapes from copy.

THIRD GRADE.

1. Heads and figures from copy.
2. Landscapes from nature.
3. Heads and figures from nature.

III.

WATER COLORS.

FIRST GRADE.

1. Laying flat washes.
2. Combination of tints.
3. Studies from still-life objects.

SECOND GRADE.

1. Flowers and fruit from copy.
2. Flowers and fruit from nature.
3. Landscapes from copy.

THIRD GRADE.

1. Heads and figures from copy.
2. Landscapes from nature.
3. Heads and figures from life.

SPECIAL CLASSES.

Special classes may be formed in China Decoration, Tapestry Painting, Decorative Design, and Wood Carving.

MUSIC DEPARTMENT.

I.

THE PIANOFORTE.

Note.—This schedule is followed with such variations and additions as are made necessary by the particular needs of individual students.

FIRST YEAR.

ETUDES.—Kohler, Op. 151; Czerny, Op. 453; Kohler, Op. 50; Loeschorn, Op. 65; Duvernoy, Op. 120; Heller, Op. 47.

PIECES.—Sonatinas of Clementi, Op. 36, Kuhlau, Op. 55, Beethoven. Easy selections from Loeschorn, Merkel, Spindler, and other modern composers.

SECOND YEAR.

ETUDES.—Bertini, Op. 29; Loeschorn, Op. 66; Czerny, Op. 299, three books; Heller, Op. 46; Kullak's Octave School; Bach's Two-part Inventions.

PIECES.—Sonatas of Haydn and Mozart, and the easier Sonatas of Beethoven. Selections from Hummel, Schubert, Dussek, Gottschalk, Wm. Mason, Mendelssohn's Songs without words.

THIRD YEAR.

ETUDES.—Czerny, Op. 299, Bk. IV.; Op. 740, Bks. I. and II.; Cramer, Bks. I. and II.; Bach's English Suites; Heller, Op. 45; Strakosch's Tremolo in Octaves.

PIECES.—Sonatas of Beethoven, Hummel, Dussek, Schubert. Selections from Moszkowski, Wieniawski, Raff, Schumann, Scharwenka, Chopin, and other modern composers. Schubert's Impromptus. Rondos and Caprices of Mendelssohn.

FOURTH YEAR.

ETUDES.—Czerny, Op. 470, Bks. III. and IV.; Cramer, Bks. III. and IV.; Moscheles, Op. 70, Bk. I.; Chopin, Op. 10; Kullak's Seven Octave Studies; Clementi's Gradus ad Parnassum; Heller, Op. 16; Bach's Well Tempered Clavichord.

PIECES.—Concertos of Mendelssohn, Heller, Ries, Bennett, and others. Chopin's Larger Works. Schumann's Novelletten. Concert pieces of Weber, Liszt, Raff, Moszkowski, Scharwenka, and others.

II.

THE VOICE.

Note.—This schedule of mechanical and technical studies is varied to suit the particular needs of individual students; it embraces a three years' course, divided as follows:

FIRST GRADE.

Breathing out tone; Action of vocal organs; Independence of the tongue and jaws; Glottic action explained.

SECOND GRADE.

Technique as in First Grade; Registers explained; Correct breathing; Bonaldi's (or other) Exercises; Concone's Exercises, Op. 9, Bk. I.

THIRD GRADE.

Concone's Exercises, Op. 11, and Marchesi's Exercises, Op. 1; Concone's Exercises, Op. 10, for soprano and tenor voices, and Op. 17 for contralto voices; also Concone, Op. 17, with solfeggio; Arpeggios on double scales; Trill action; Minor scales; English Songs, with direct reference to articulation and phrasing.

FOURTH GRADE.

Panofka, Op. 81, and Concone, Op. 12; The trill; Chromatic scales; Recitative form, as existing in the Opera and the Oratorio.

The above course is interspersed throughout with judicious selections from the songs of the best American and European composers.

The Classroom.

INTELLECTUAL AND MORAL PHILOSOPHY.

In Psychology the aim is, by means of text-books, lectures, and oral expositions, to give the student a clear conception of the facts and principles of the Science; to lead him to separate, as clearly as possible, Psychology, as a science of observation from Metaphysics, which underlies it in common with all other sciences; and to set forth the great practical value of the science.

In Moral Philosophy, the principal theories of morals are considered, and that which we regard as the true theory is elaborated and fortified, by substantially the same method as that pursued in the Psychology of the intellect. Special attention is also given to such practical questions of morals as constantly confront men in every-day life.

In the Evidences of Christianity, the proofs best calculated to meet doubts awakened by the scepticism of the present day, are specially considered.

During the Senior year, an outline of the History of Philosophy is presented by lectures; the student, however, is not permitted to be a mere, passive listener, but is stimulated to investigate for himself many important questions, by reference to the best authors.

INTERNATIONAL LAW.

During the third term of the Senior year, the fundamental principles of International Law are examined, in order that the student who has been made acquainted with our National Constitution and politics, may also understand the relaiions and duties of our Republic to other nations.

ENGLISH LANGUAGE AND LITERATURE.

1. COMPOSITION AND RHETORIC. These studies aim at two results: First—An exact and ready command of the English Language, in writing and speaking. Secondly—Acquaintance with the principles that underlie effective discourse and intelligent criticism.

In the Junior Preparatory year, English Grammar is taught by the

inductive method. Analysis of the sentence is then made the subject of special study for one term. The thought, rather than the form, is emphasized as the true basis of analysis, and logical coherence is always preferred to grammatical tradition. The history of the language is constantly appealed to in explanation of anomalous forms and idioms. Analysis is supplemented by a careful drill in punctuation, after which the study of composition is begun. The writing of essays is required from this point to the end of the course.

In the Sophomore year, Rhetoric receives special attention. The theories of leading rhetoricians are elaborately discussed and tested in an analysis of the writings of representative authors, and a chaste and fluent style is developed in accordance with principles thus acquired.

II. English Literature. The chief results sought in the study of English Literature are: First—A comprehensive view of its historic development. Secondly—The cultivation of a broad and generous spirit in the criticism of literary works.

In order that this criticism may rest upon a basis of sound scholarship, the advanced work of the course is accompanied by the study of Anglo-Saxon and the English of Chaucer. Personal familiarity with the masterpieces of English prose and poetry is insisted on, special prominence being given to those writers who have made epochs in our literature and are peculiarly the interpreters of their age. The Seminary Method is employed in the Junior and Senior years, when the student is instructed in the use of the library, and in habits of reading.

THE MODERN LANGUAGES

French and German receive the attention which their great importance in modern education demands. Not only is the student thoroughly drilled in the grammar of those languages, but effort is made from the first to build up a large vocabulary, and gain accuracy and freedom in the use of it. Translation at sight is constantly practiced, and daily conversation is encouraged.

An outline of French and German History is also required, together with a survey of the literature of each people.

Italian and Spanish are elective in both courses.

THE CLASSICS.

I. Latin Language and Literature.

Six terms of work are required. During the earlier part of the course, attention is paid mainly to literal translation, grammatical review, prose composition and Roman History. The tongue is assiduously trained to

speak Latin words and sentences correctly, and the ear to recognize them readily. Much time is spent in translating into English, without book, while the teacher reads the Latin, and *vice versa*. Later in the course, the student is expected to use ever increasing freedom in translating, and to employ none but natural and idiomatic English. In the reading of the Latin poets, great attention is paid to prosody and rhythm. The best poems, or parts thereof, are memorized. The work in Latin Literature is made as broad as possible by the reading of selections from many writers whose productions can not be studied more fully. The best of Latin hymns are read, and some are memorized by each class. The English pronunciation is used throughout, except in advanced work in Comparative Philology.

II. Greek Language and Literature.

It is intended that the whole subject of the Attic forms, as well as the common principles of syntax, shall be mastered as far as possible in the Preparatory Course. In the College Department time for a hasty review only can be given to them, and that chiefly in the first term of the Freshman year. During the remainder of the course the language is studied chiefly as a vehicle of thought, The student is taught to analyze and discriminate between the various forms of expression employed by the authors studied, and to render the thought in English by forms of speech as nearly identical with those used in Greek as the English idiom will allow. Reading at sight is practiced during the last two years only of the course.

The time given to the study of the New Testament, though very short, is thought to be long enough to enable the student to learn how to apply to it the methods employed in studying the books of profane writers.

MATHEMATICS.

The work in this department embraces the following subjects:

Algebra.—Olney's University Algebra, Part III., or its equivalent.
Geometry.—Olney's Geometry, University Edition, Part III.
Trigonometry.—Plane and Spherical—Olney.
General Geometry and Calculus.—Olney.

Mathematics is not required after the Freshman year; but the mathematical work of the Mechanics, Physics, and Astronomy of the Junior year pre-supposes knowledge of Trigonometry, which must, therefore, be taken, if the student elect one or more of those studies. Astronomy is presented as an elective study during the Spring term of the Junior year.

THE NATURAL SCIENCES.

I. Chemistry and Physics.

In the Classical Course, daily recitations and laboratory work in General Chemistry are required during the Spring term of the Freshman year. In the Junior year opportunity is given for a term and a half of work in Mechanics and Physics. This is a lecture course, but it is fully supplemented by individual work in the laboratory.

In the Scientific Course the term of General Chemistry is relegated to the Preparatory Department, and opportunity given for a full year to analytical work. Blow-pipe and spectroscopic methods are fully taught, and both gravimetric and volumetric analysis employed. In Physics the course covers the three terms of the Junior year,

II. Geology and Natural History.

In Geology and Biology the facilities afforded by well equipped laboratories are offered. The apparatus is of modern manufacture and adequate for all present needs; it includes compound and polarizing microscopes, microtomes, camera lucidas, and the material for research. The cabinets, also, afford a wide range of illustration. The effort is made to give the student advantages for self-instruction in the best sense.

General Information.

Shepardson College, a school for the higher education of women, was established in 1887. In accordance with the purpose of its founders, it offers to young women who wish to obtain a liberal education advantages equal to those enjoyed by young men in institutions of the highest grade. Situated in Granville, Ohio, a village noted for its beauty and the salubrity of its climate, it is surrounded by an atmosphere of culture, and the general advantages of an educational center.

Through the courtesy of the Trustees of Denison University, the library, museum, laboratories, and class-rooms of that institution are open to the students of Shepardson College, which is thus provided at the outset of its career, with exceptional facilities for the prosecution of its work.

The College has already a fine property, and an endowment of fifty-seven thousand dollars, besides thirteen thousand dollars for scholarships. The Cottage System, which secures to young ladies many advantages of a home, has been adopted, and proves satisfactory. Two cottages were recently bought by the trustees, and a fine building has just been erected, which will shortly be followed by a fourth, to meet the growing needs of the school.

MORAL AND RELIGIOUS TRAINING.

Without seeking to bias the denominational preferences of its pupils, the College aims to surround them with salutary Christian influences. Systematic study of the Bible is required from all the members of the school. Attendance on the daily religious exercises of the Chapel and the usual Sunday services is compulsory, but no restriction is placed on the pupil's choice of a regular place of worship. A prayer meeting, sustained by the students, is held every Monday evening from six to seven o'clock. A Missionary Society holds monthly meetings.

SOCIETIES.

There are two literary societies in the College. The Euterpean and the Philomathean, which have their own halls and libraries and a Reading Room open to all members of the School. A tennis court and croquet grounds furnish out door amusement.

DEGREES.

Upon completion of the Classical Course, the student will be entitled to the degree of Bachelor of Arts.

Upon completion of the Scientific Course, the student will be entitled to the degree of Bachelor of Science.

Candidates for these degrees are required to pay the Treasurer their dues, including a graduating fee of five dollars, at least one month before the Commencement.

EXPENSES.

The following schedule enumerates the principal expenses, which, as will readily be seen, have been reduced to an almost nominal sum. No reduction will be made for brief absences.

FALL TERM.

Board, room, fuel, light, and tuition,	$65 00
Day pupils in the Collegiate Course,	12 00
" " Preparatory Course,	10 00
Incidental fee for each pupil,	2 00
Instrumental Music,	16 00
Vocal Music,	16 00
Use of Instrument per hour,	05
Painting—Oil Colors,	16 00
" Water Colors,	12 00
Drawing and Crayoning,	10 00

WINTER TERM.

Board, room, fuel, light, and tuition,	$60 00
Day pupils in the Collegiate Course,	10 50
" " Preparatory Course,	7 50
Incidental fee for each pupil	2 00
Instrumental Music	14 00
Vocal Music,	14 00
Use of Instrument per hour,	05
Painting—Oil Colors,	14 00
" Water Colors,	10 00
Drawing and Crayoning,	8 00

SPRING TERM.

Board, room, fuel, lights, and tuition,	$55 00
Day pupils in the Collegiate Course,	10 50
" " Preparatory Course,	7 50
Incidental fee for each pupil,	1 00
Instrumental Music,	12 00
Vocal Music,	12 00
Use of Instrument per hour,	05

Painting—Oil Colors,	12 00
" Water Colors,	8 00
Drawing and Crayoning,	6 00

All bills payable in advance.

Extra charges for Drawing from Life, in the Art Department, and the study of Harmony, in the Music Department.

Owing to the fact that superior accommodations are provided in the new building (Burton Hall), there will be extra charges to those rooming there, varied according to the accommodations furnished.

Each young lady must furnish her own napkins and napkin-ring, towels, sheets, and pillow cases, so that two room-mates may together furnish all needful bed linen. Students furnish their own coal oil lamps, and may provide window drapery, table spread, etc.

All articles of clothing and bedding must be distinctly marked with the owner's name in full.

Arrangements for washing can be made on reasonable terms. There is an excellent steam laudry in the village.

GOVERNMENT.

Only such rules and regulations are required to be observed as are necessary for the maintenance of health and order. It is the endeavor of the College to foster among its pupils self knowledge and self-control; in this policy it is aided by the cordial support of the students themselves. In a word the government is intended to be educational rather than restrictive.

Calendar.

Collegiate Year, 1889-90.

Entrance Examinations,	Wednesday, Sept. 4, 1889.
Fall Term begins at 6 o'clock, A M.,	Thursday, Sept. 5, 1889.
Thanksgiving Holidays,	Thursday, Nov. 28-29, 1889.
Fall Term ends at noon,	Wednesday, Dec. 18, 1889.
Winter Term begins at 9 o'clock A. M.,	Thursday, Jan. 2, 1860.
Day of Prayer for Colleges,	Thursday, Jan. 30, 1890.
Holiday, Washington's Birthday,	Friday, Feb. 22, 18890.
Winter Term ends at noon,	Wednesday, March 26, 1890.
Spring Term begins at 9 o'clock, A. M.,	Tuesday, April 1, 1890.
COMMENCEMENT,	Wednesday, June 18, 1890.

Fall Term, Collegiate Year, 1890-91.

Entrance Examinations, . . .	Wednesday, Sept. 3, 1890.
Fall Term begins at 9 o'clock A. M., . .	Thursday, Sept. 4, 1890.
Thanksgiving Holidays, ...	Thursday, Nov. 27-28, 1890.
Fall Term ends at noon, . . .	Wednesday, Dec. 17, 1890.

Index.

Board of Trustees, ... 3
Committees, ... 4
Faculty, ... 5
Students, , ... 6
Summary, ... 16
Requirements for Admission, ... 17
Courses of Study, ... 18
Collegiate Department, . . . 18
Preparatory Department, ... 25
Art Department, ... 29
Music Department, ... 31
The Classroom, ... 33
General Information, ... 37
Calendar, . . , . . 40